# Name: FNU Kumari Priti Full Stack Java Developer

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**Professional Summary**: Highly skilled Full-Stack Developer with 9 **years of hands-on experience** in designing, developing, and deploying large-scale, enterprise-level web applications. Demonstrated expertise in front-end and back-end development, delivering efficient, user-centric, and scalable solutions tailored to business needs across finance, banking, and retail industries.

* Developed **responsive, dynamic web applications** using **HTML, CSS, JavaScript**, and frameworks like **Angular**, **React** crafting visually appealing and user-friendly interfaces. Delivered **Single Page Applications (SPAs)** by leveraging Angular modules, services, and directives, ensuring seamless functionality.
* Successfully implemented **lazy loading** and **modular architecture** in Angular applications, reducing load times and enhancing application scalability for enterprise-level projects.
* Developed and integrated custom **Angular components, directives, and pipes** to handle complex UI requirements, delivering consistent functionality and improved user experience.
* Built dynamic and responsive user interfaces using **React with Redux** for state management, ensuring predictable and efficient UI behavior in complex applications.
* Developed reusable and modular **React components**, improving code maintainability and enabling faster development cycles across multiple projects.
* Collaborated closely with UX/UI teams to implement platform-native designs and optimize usability, enhancing user experiences and meeting industry usability standards.
* Designed and implemented robust back-end systems using **Java, J2EE, Spring Boot**, and **Hibernate**, ensuring high performance, scalability, and maintainability for enterprise applications.
* Architected and deployed **microservices-based systems** using **OpenShift** and **Docker**, enabling modular development and efficient service management.
* Built and integrated secure and high-performance **REST APIs**, facilitating seamless communication across systems and enhancing interoperability.
* Implemented Spring Boot microservices to process the messages into the **Kafka** cluster setup.
* Led efforts to optimize application performance by addressing front-end responsiveness, back-end memory management, and load balancing issues.
* Applied key design patterns such as **MVC, Singleton, and Factory** to deliver clean, reusable code and maintain efficient system architecture.
* Wrote comprehensive unit tests using **JUnit5** and **Mockito**, adhering to **Test-Driven Development (TDD)**

principles, and collaborated in Behavior-Driven Development (BDD) environments to ensure high-quality code.

* Implemented **Continuous Integration and Continuous Deployment (CI/CD)** pipelines to automate build, test, and deployment processes, enabling faster and more reliable software releases.
* Worked within **Agile Scrum teams**, participating in daily stand-ups, sprint planning, and retrospectives. Successfully refined user stories, estimated development efforts, and ensured timely sprint deliveries.
* Managed version control using **Git** and **Bitbucket**, streamlining collaboration with distributed teams and maintaining robust release cycles.
* Conducted extensive data integration and validation tasks using **SQL**, ensuring data consistency and accuracy across integrated systems.
* Developed operational and technical documentation, including API specifications, system design guidelines, and functional workflows, fostering clarity across cross-functional teams.
* Played a key role in end-to-end project lifecycles in **finance/banking** and **retail industries**, delivering solutions aligned with domain-specific compliance and business objectives.
* Actively contributed to distributed environments, collaborating with cross-functional teams across time zones to meet project goals.

# Education Details:

* Btech (Computer Science 2010-2014 From Jntu Hyderabad University).

# Technical Skills:

* Programming Languages: Java 8, 7
* Frameworks: Spring, Spring Boot, Spring MVC, Spring JDBC, Spring Data Batch, Hibernate, JPA, REST, Microservice.
* Web Technologies: jQuery, AJAX, XML, JSON, HTML, CSS, JSP, Servlet, ANGULAR, REACT
* Design Patterns: Singleton, Factory, Abstract Factory, Adapter, Prototype, DAO, MVC, Asynchronous Communication.
* Database Management: MySQL, Oracle, MyBatis
* Development Tools: Maven, GIT, Bitbucket, SVN, Jenkins, SonarQube, SCM, Eclipse.
* Testing: JUnit, Mockito, Cucumber with Java, Log4j
* Cloud Services: GCP and OPENSHIFT
* Methodologies: Agile, Waterfall, TDD
* Others: Jira, Postman, OOP, Data Structure, Solid Principle

**Professional Experience:**

**Client**: **Google, Pittsburgh, PA**. **FEB 2023 –**

**DEC 2024**

**Role**: Full Stack Java Developer

**Project**: TALOS (Google Product for Managing and Executing Operations Work in Google Data Centers).

**Project Overview**: The project focused on enhancing Google Data Center operations by developing a responsive and scalable web application using **Angular** for the front end and optimizing backend functionality with **Java**. The platform aimed to improve technician efficiency, streamline operational workflows, and provide a seamless user experience, ultimately boosting engagement and performance across data center processes.

# Key Responsibilities:

* Designed and implemented a **Single Page Application (SPA)** using **Angular** modules, components, and services to create an intuitive and dynamic user interface.
* Developed reusable **directives, pipes, and templates** in Angular to streamline code consistency and improve maintainability.
* Enhanced navigation and interactivity by implementing routing with the **Angular Router Module**, ensuring smooth transitions between application components.
* Conducted **unit testing** for front-end components using **Jasmine** (Angular) , ensuring robust and error-free UI functionality.
* Built dynamic and responsive user interfaces using **React with Redux** for state management, ensuring predictable and efficient UI behavior in complex applications.
* Developed reusable and modular **React components**, improving code maintainability and enabling faster development cycles across multiple projects.
* Refined and optimized **Java-based backend services**, focusing on efficient data handling, reduced latency, and seamless integration with front-end components.
* Developed and maintained secure and scalable **RESTful APIs** using G**RPC**, enabling efficient communication between distributed systems.
* Enhanced system performance, achieving a **30% improvement in technician efficiency** by streamlining workflows and resolving operational bottlenecks.
* Implemented automated **unit testing** for backend services using **JUnit**, ensuring high test coverage and reducing manual testing efforts.
* Collaborated with product managers, designers, and QA teams to define and deliver key features, ensuring alignment with business objectives and user needs.
* Participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives, to facilitate continuous improvement and iterative development.
* Conducted code reviews and pair programming sessions to maintain code quality and promote knowledge sharing among team members.
* Implemented database queries in Spanner DB of GCP.

**Environment**: Angular, HTML, CSS, Jasmine, Java, GRPC, Borg, Spanner, Agile Scrum.

# Client: Citi Bank, INDIA. Jun 2021 – Dec 2022

**Role**: Full Stack Developer

**Project**: GAMS (Product to Maintain End-To-End Lifecycle of a Trade)

**Project Overview**: This project aimed to develop and optimize a high-performance system for managing the end-to-end lifecycle of trades, from check-in through reporting. The platform facilitated global trade processes while meeting stringent regulatory and operational requirements efficiently. As a Full Stack Developer, I contributed to both the backend architecture and the frontend interface, ensuring a seamless user experience with the integration of cutting-edge technologies such as Angular.

# Key Roles & Responsibilities:

* Developed and maintained both **front-end** and **back-end** features, ensuring smooth integration across the stack. Implemented a **responsive UI** using **Angular for** dynamic, data-driven interfaces, offering an enhanced user experience for trade lifecycle management.
* Used **Angular** to develop modules, services, and components for a seamless user interface, ensuring the platform was scalable and highly responsive across different devices.
* Optimized **React** render cycles using memoization techniques like React.memo and useMemo, improving performance for feature-heavy components.
* Integrated **RESTful web services** with both Angular ensuring effective communication between the frontend and backend, enhancing user engagement and real-time functionality.
* Developed robust **Java Spring Boot applications**, focusing on optimizing communication with RESTful APIs for efficient data exchange between systems.
* Migrated legacy **check-in web services** to a microservices architecture using **Spring Boot**, improving the scalability and performance of the system while enhancing maintainability.
* Refactored the monolithic application into independent, scalable microservices within **OpenShift POD structure**, enabling better deployment flexibility and performance tuning.
* Designed and implemented **batch processing jobs** using **Spring Batch** to generate scheduled reports and handle large-scale data processing tasks. This reduced manual intervention by 75%, boosting operational efficiency.
* Implemented **Spring Security** to ensure secure application access, providing authentication and authorization for users, and conducting regular security audits for compliance with internal and industry security standards.
* Established and maintained a **CI/CD pipeline** using **Jenkins**, automating the build, test, and deployment process. This streamlined the deployment pipeline and significantly improved release speed and reliability.
* Closely worked with **Kafka** Admin team to setup Kafka Cluster on QA Region.
* Implemented to reprocess the failure messages in **Kafka** using Offset Id.
* Implemented Kafka Producer & Consumer applications on **Kafka** Cluster setup.
* Worked closely with cross-functional teams, including **QA, DevOps,** and **Product Owners**, using **Agile Scrum** practices to plan, estimate, and deliver features. Actively participated in **sprint planning, daily stand-ups, and retrospectives** to ensure alignment with project goals and delivery timelines.
* Wrote and maintained **unit tests** for both **Java** backend services (using **JUnit 5** and **Mockito**) and **frontend components** (using **Jasmine** for Angular), achieving **80% code coverage**, reducing bugs, and ensuring stable releases.
* Led regular **code reviews** and pair programming sessions to share knowledge, improve code quality, and guide junior developers. Encouraged best practices in both **backend** (Java) and **frontend** (Angular/) development.

**Environment**: Angular, HTML, CSS, JavaScript, Redux, Jasmine, Jest, Java, Spring Boot, Spring MVC, Spring Batch, Spring Security, REST APIs, Oracle DB, Docker, OpenShift, ECS (Elastic Container Service), Jenkins, GitHub/GitLab, JUnit 5, Mockito, Agile Scrum, Jira.

# Client: HSBC Bank, India. Apr 2018 – Jun 2021

**Role**: Full Stack Developer

**Project**: Riskoffice (Product to Maintain and Calculate Risk of a Fund)

**Project Overview**: RISKOFFICE is a comprehensive tool designed to calculate and manage the risk of investment funds. This product provides essential tools for financial institutions to assess investment risks, generate risk measures, and produce detailed reports for fund managers. The platform enables better data-driven decision-making to mitigate potential investment losses, and as a Full Stack Developer, I contributed to both the back-end and front-end components to ensure optimal performance and user experience.

# Key Roles & Responsibilities:

* Developed dynamic, responsive user interfaces using **Angular** ensuring an intuitive experience for fund managers and other users interacting with the risk assessment features of the platform.
* Created reusable **Angular components ensuring** a seamless and consistent user experience across the platform.
* Designed and implemented **Java Spring Boot APIs** to calculate risk measures, ensuring accurate data processing for investment funds. Integrated front-end components with the back-end using RESTful APIs for smooth data flow.
* Integrated **Spring Boot** with **JPA** to interact seamlessly with relational databases, modeling risk-related data efficiently through domain objects and enhancing the persistence layer for accurate risk calculation.
* Optimized SQL queries and backend code to improve system performance and reduce latency during risk calculation processes.
* Integrated **Java-based backend services** with **Angular** interfaces, ensuring a smooth, data-driven, and user- friendly experience for risk management features.
* Worked on migration from on-premises servers to virtual machines, achieving 95% uptime.
* Implemented the transition from traditional data warehouses to Big Query, resulting in a 40% increase in query performance.
* Developed and deployed microservices to **GCP using Cloud Functions,** reducing server costs.
* Implemented a secure and cost-effective **data archival strategy** using **Google Cloud Storage**.
* Experience with I**AM policies (GCP)**.
* Setup Database in **GCP** using RDS, using **Google storage bucket**.
* Implemented **Stack Driver (GCP)** for monitoring logs and alerts.
* Implemented **Airflow** to schedule jobs in **GCP**.
* Actively participated in **Agile Scrum** methodology, refining and estimating **user stories** and tasks alongside product owners and other stakeholders, ensuring timely feature delivery while maintaining high-quality code.
* Conducted **daily stand-ups**, **sprint planning**, and **retrospectives**, ensuring alignment with project goals and stakeholder expectations.
* Wrote unit and integration tests for both **back-end services** using **JUnit** and **Mockito**, and for **frontend components** using **Jasmine** and **Jest**, ensuring 80% code coverage, reducing the risk of bugs in production.
* Participated in **Test-Driven Development (TDD)** practices, ensuring the reliability, maintainability, and performance of both the front-end and back-end components.
* Utilized **Jenkins** to automate the **CI/CD pipeline**, improving the deployment process for both the backend and front-end components, and ensuring consistent, fast, and error-free releases.
* Led **code reviews** and **pair programming** sessions, encouraging best practices in both front-end (Angular) and back-end (Java/Spring Boot) development, while mentoring junior developers on the project.

**Environment**: Angular, HTML, CSS, JavaScript, Jasmine, Jest, Java, Spring Boot, Spring Data JPA, REST APIs, Oracle DB, Spring Security, Jenkins, Git, GitHub/GitLab, JUnit, Mockito, Agile Scrum, Jira.

# Client: Reliance, India. Aug 2017 – Feb 2018

**Role:** Java Developer

**Project:** AJIO Online Shopping Portal

**Project Overview:** The AJIO Online Shopping Portal is Reliance's premier e-commerce platform, delivering a wide range of fashion and lifestyle products to a diverse customer base. This project involved maintaining and enhancing the platform's backend infrastructure and B2C storefronts (AJIO, Trends, and Jio), ensuring high availability, seamless functionality, and a superior customer experience. The scope included resolving incidents, implementing system updates, and aligning the platform with dynamic business needs.

# Key Roles & Responsibilities:

* Monitored and maintained the daily operations of AJIO and related e-commerce storefronts, achieving continuous uptime and optimizing customer transactions.
* Successfully addressed and resolved over 2,000 incidents, collaborating with cross-functional teams to ensure minimal downtime and maintain system reliability.
* Designed, developed, and maintained Java-based backend APIs, enabling efficient data processing and smooth integration between the front-end and database systems.
* Partnered with Business Analysts to gather, validate, and translate business requirements into technical solutions, ensuring alignment with organizational goals.
* Prepared comprehensive high-level and low-level design documents to guide development and release processes, ensuring clear and actionable specifications for implementation.
* Led the implementation of system enhancements, defect fixes, and performance optimizations to meet evolving user demands and business priorities.
* Worked closely with QA, development, and support teams to deploy new features, validate system integrity, and resolve issues in a timely manner.

**Environment:** Java, JSP, RESTful APIs, Spring Framework, HTML, CSS, Git, Eclipse IDE, MySQL, Oracle.

# Client: Accenture, India. June2014 – August 2017

**Role:** Java Developer

**Project:** Specsavers Online Retail Portal

**Project Overview:** The Specsavers Online Retail Portal is a UK-based e-commerce platform that enables customers to explore and purchase eyewear products with ease. This project focused on developing a robust backend system and creating intuitive web interfaces to provide a seamless shopping experience. Key functionalities included product browsing, secure order processing, and customer account management, with an emphasis on performance optimization and data security.

# Key Roles and Responsibilities

* Designed and implemented the core business logic, ensuring data integrity and reliability while optimizing backend operations for scalability and performance.
* Built and integrated RESTful APIs using Java and Spring Framework to facilitate efficient communication between front-end applications and the database, ensuring a smooth user experience.
* Developed interactive and responsive web interfaces using JSP, HTML, and CSS, following modern UI/UX principles to enhance user engagement and satisfaction.
* Applied client-side and server-side form validations using JavaScript and Java to ensure accurate data entry and improve data quality across the system.
* Partnered with front-end developers, UI/UX designers, and business analysts to align technical solutions with user requirements and business objectives.
* Conducted detailed analysis and debugging to identify and resolve performance bottlenecks, leading to faster load times and improved application responsiveness.
* Streamlined development processes by implementing continuous integration using Jenkins, ensuring efficient builds, testing, and deployment cycles.
* Authored detailed technical documentation, including API specifications and deployment guides, to support knowledge transfer and future maintenance efforts.

**Environment:** Java, JSP, Spring Framework, RESTful APIs, JavaScript, HTML, CSS, Eclipse, Visual Studio, Git, Jenkins, MySQL