Name: Hemanth A blue hexagon with white text

AI-generated content may be incorrect. A white circle with red text

AI-generated content may be incorrect. A blue steering wheel with white text

AI-generated content may be incorrect. A white and blue square with text

AI-generated content may be incorrect.

Sr. Full Stack / Frontend developer

Mail id: marella.h.krishna@gmail.com

+1 940-597-8480

Linked in : www.linkedin.com/in/hemanth-k-26911335a

PROFESSIONAL SUMMARY

* 6+ years of enterprise-level Java Full Stack development experience in fintech, healthcare, and mortgage industries.
* Expert in Java ecosystem: Java 8-21, Spring Boot 3.x, Spring Security, Spring Cloud, Hibernate/JPA, and microservices architecture.
* Frontend specialist: Angular 12-17, React 18+, TypeScript, Next.js, Vue.js with responsive and accessible UI development.
* Cloud-native architect: AWS (EC2, EKS, Lambda, RDS), Azure, Docker, Kubernetes with 99.9%+ uptime achievements.
* Performance optimization: Improved application performance by 40-60% through database tuning, caching, and JVM optimization.
* DevOps champion: Established CI/CD pipelines reducing deployment time from 2 hours to 15 minutes with zero-downtime deployments.
* API development: RESTful, GraphQL, and gRPC APIs with comprehensive documentation and security implementation.
* Security implementation: OAuth 2.0, JWT, Spring Security, OWASP compliance, and enterprise-grade authentication systems.
* Testing excellence: TDD/BDD practices with 90%+ code coverage using JUnit 5, Mockito, TestContainers, and Cypress.
* Leadership experience: Mentored 8+ junior developers, led teams of 3-10 members, and established coding standards.
* Business impact focus: Delivered solutions generating $2M+ revenue, processing $2B+ loan volume, and serving 100K+ users.

Certifications:

* AWS Certified Developer – Associate
* Oracle Certified Professional: Java SE 11 Developer
* Certified Kubernetes Application Developer (CKAD)
* Spring Certified Professional (Spring Framework)
* Microsoft Certified: Azure Developer Associate (AZ-204)

Technical Skills:

| **Category** | **Skills** |
| --- | --- |
| **SDLC Methodologies** | : Waterfall, Agile/Scrum |
| **Technologies** | : Core Java, J2EE, JSP, JDBC, JSTL, Web Services (SOAP, REST), XML, ORM (Hibernate) |
| **Frameworks** | : Spring, Spring Boot, Spring MVC, Spring Security, Spring Data, Spring AOP, Hibernate, Log4j |
| **Web Services** | : JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI |
| **Web Technologies** | : HTML5, CSS3, XML, AJAX, JSON, Angular (2–17), Bootstrap, Angular Material |
| **UI Frameworks** | : React.js, Node.js, jQuery, jQuery UI, Bootstrap, Responsive Web Design (RWD) |
| **CSS Co-Processors** | : LESS, SASS |
| **IDE/Editors** | : Eclipse, STS, Visual Studio, NetBeans, Sublime Text, Notepad++ |
| **Version Control** | : Git, GitHub, SVN |
| **Build & CI Tools** | : Maven, Jenkins |
| **Operating Systems** | : Windows, iOS, Android |

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer

Newrez Mortgage | Coppell, TX | *May 2023 – Present*

* Architected and developed a next-generation mortgage processing platform using Java 17, Spring Boot 3.x, and Angular 15-17, resulting in 40% faster loan processing times and handling $2B+ in monthly loan volume
* Implemented microservices architecture with Spring Cloud Gateway, Eureka, and Hystrix for a distributed system handling 10,000+ daily transactions with 99.99% availability
* Built responsive, accessible UI components using Angular 17, TypeScript, and Angular Material, improving user experience scores by 35% and achieving WCAG 2.1 AA compliance
* Integrated real-time data streaming with Apache Kafka and WebSocket connections for live mortgage rate updates, reducing data latency from 30 seconds to real-time
* Developed comprehensive RESTful and GraphQL APIs with OpenAPI documentation, enabling seamless integration with 15+ third-party services including credit bureaus and title companies
* Implemented enterprise-grade security measures including OAuth 2.0, JWT authentication, Spring Security, and HashiCorp Vault for secrets management
* Orchestrated containerized deployments using Docker and Kubernetes on AWS EKS, achieving 99.9% uptime and auto-scaling based on demand
* Established advanced CI/CD pipelines with Jenkins, AWS CodePipeline, and Terraform, reducing deployment time from 2 hours to 15 minutes with zero-downtime deployments
* Optimized database performance with PostgreSQL, Redis caching, and connection pooling, improving query response times by 60% and handling 50% more concurrent users
* Led technical architecture reviews and mentored 3 junior developers on best practices, design patterns, and modern development methodologies
* Implemented comprehensive monitoring using Prometheus, Grafana, and AWS CloudWatch with custom dashboards and alerting for proactive issue resolution

Technologies: Java 17, Spring Boot 3.x, Angular 17, TypeScript, PostgreSQL, Redis, Apache Kafka, Docker, Kubernetes, AWS (EKS, RDS, Lambda, S3), Jenkins, GraphQL, Terraform, Prometheus, Grafana

Full Stack Java Developer

AbbVie | Remote | *Oct 2021 – Apr 2023*

* Developed enterprise healthcare applications using Java 11, Spring Boot, Hibernate, and Angular 12-14 for drug discovery and clinical trial management, supporting 15+ clinical studies simultaneously
* Designed and implemented RESTful microservices following Domain-Driven Design principles and CQRS pattern, serving 5,000+ concurrent users across 25+ countries
* Created dynamic, responsive dashboards with Angular, RxJS, Chart.js, and D3.js for real-time clinical data visualization, improving decision-making speed by 40%
* Implemented advanced Spring features including AOP for cross-cutting concerns, Spring Security for RBAC, Spring Data JPA, and Spring Cloud Config for centralized configuration management
* Built robust ETL pipelines using Spring Batch, Apache Kafka, and Apache Camel for processing large-scale clinical datasets (10TB+ daily)
* Optimized Oracle database operations with custom SQL procedures, advanced indexing strategies, query optimization, and HikariCP connection pooling
* Established comprehensive testing strategy with JUnit 5, Mockito, TestContainers, Cucumber for BDD, and WireMock for service virtualization
* Implemented cloud-native solutions on AWS with PCF (Pivotal Cloud Foundry), Spring Cloud Services, and auto-scaling policies for fault tolerance
* Integrated advanced monitoring and observability using Spring Boot Actuator, Micrometer, Zipkin, CloudWatch, and custom health checks
* Developed data analytics capabilities using Apache Spark, Elasticsearch, and Kibana for clinical data insights and regulatory reporting
* Implemented multi-tenant architecture supporting different pharmaceutical divisions with isolated data and customized workflows

Technologies: Java 11, Spring Boot, Hibernate, Angular 12-14, Oracle, PostgreSQL, Apache Kafka, Apache Spark, Docker, AWS (EC2, RDS, S3, CloudWatch), PCF, Jenkins, Elasticsearch, Git, JIRA, Zipkin

Full Stack J2EE Developer

SMG Infotech | Hyderabad, India | *Mar 2019 – Aug 2021*

* Developed scalable web applications using Java 8, Spring Boot, React.js, and Node.js for e-commerce and content management platforms serving 100K+ daily active users
* Built comprehensive component libraries with React, Styled Components, Material-UI, and Storybook, improving development efficiency by 30% and ensuring consistent UI/UX across applications
* Created responsive, mobile-first interfaces using React, Redux Toolkit, React Query, and Progressive Web App features with offline capabilities
* Developed high-performance Node.js middleware for API gateway functionality, rate limiting, request/response transformation, and authentication/authorization
* Integrated Adobe Experience Manager (AEM) for headless CMS capabilities, content personalization, and multi-channel content delivery
* Implemented comprehensive testing pyramid with Jest, React Testing Library, Cypress, Storybook testing, and performance testing using Lighthouse CI
* Applied modern JavaScript/TypeScript features including ES6+ async/await, decorators, generics, utility types, and advanced module systems
* Established advanced Git workflows with Git flow, feature branching, automated code reviews, and semantic versioning using Bitbucket Pipelines
* Optimized application performance through code splitting, lazy loading, service workers, bundle analysis, and tree shaking techniques
* Integrated payment gateways including Stripe, PayPal, Razorpay with PCI DSS compliance and fraud detection mechanisms

Technologies: Java 8, Spring Boot, React.js, Node.js, TypeScript, MongoDB, Apache Kafka, Redux Toolkit, Material-UI, Webpack, AEM, Socket.io, Bitbucket, JIRA, Docker, AWS S3

EDUCATION

Master of Science in Information Systems.