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# KISHORE TIRUMANI

Full Stack Developer

## Professional summary

Experienced Software Engineer with over 9 years of expertise in full-stack development, cloud infrastructure. Adept at leveraging cutting-edge AI models to enhance productivity and streamline processes, demonstrating proficiency in AWS, Kubernetes, and modern web technologies. Passionate about driving innovation and delivering scalable solutions that meet industry demands.

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| Employment history**Software EngineerDec 2022 - Present*****IBMDurham, NC***• Developing and maintaining full-stack solutions with RESTful APIs and modern UI frameworks.• Engineered a generative AI application using Granite-13b-chat-v2 on [watsonx.ai](http://watsonx.ai), conducting thorough analysis to optimize productivity and streamline documentation processes.• Deployed scalable applications using Kubernetes and OpenShift.• Utilized Dynatrace and LogDNA for monitoring and performance optimization.**Software EngineerOct 2020 - Dec 2022*****Capital OneRolling Meadows, IL***• Designed and automated AWS cloud infrastructure using EC2, S3, Route 53, and CloudFormation templates.• Developed and implemented GraphQL schemas and queries to optimize data handling with MongoDB.• Containerized applications with Docker and managed Kubernetes clusters for efficient deployment.• Configured Splunk monitoring alerts and resolved Whitesource vulnerabilities.**Full Stack DeveloperNov 2019 - Oct 2020*****IBMDurham, NC***• Built ReactJS and NodeJS apps, improving user experience and functionality.• Implemented GraphQL, optimizing data retrieval processes.• Managed Helm charts and Kubernetes, speeding up deployment timelines.• Enhanced deployment efficiency, achieving quicker market readiness.**Software EngineerJan 2019 - Nov 2019*****Capital OneRolling Meadows, IL*** • Developed microservices using Spring Boot, AWS, and MongoDB.• Automated deployments with Chef, CloudFormation, and Docker.• Built serverless APIs with Python and optimized workflows using Agile.**Java DeveloperJul 2018 - Dec 2018*****American ExpressPhoenix, AZ***• Developed API endpoints and integrated Apigee for seamless authorization management.• Built dynamic user interfaces using HTML5, CSS3, JavaScript, and ReactJS.• Conducted performance testing with JMeter and ensured robust code coverage using JaCoCo.**Java DeveloperApr 2016 - Jun 2018*****TransUnionChicago, IL***• Developed RESTful services with Spring frameworks, enhancing application performance and security.• Built interactive UI components using AngularJS and Bootstrap, improving user engagement.• Implemented OAuth2 for secure authentication, ensuring data protection across services.• Automated tests with JUnit, boosting software reliability and reducing errors.**Software Development InternJul 2013 - Nov 2013*****NSIC (National Small Industries Corporation)Hyderabad, India***• Designed and implemented a client management, reporting modules using Spring and Hibernate frameworks.• Configured Oracle databases and optimized queries for better performance.• Participated in software deployment and testing across multiple environments.Education**Master's in Computer Science2016*****Fairleigh Dickinson UniversityUSA*****Bachelor's in Computer Science2014*****KL UniversityIndia***SkillsJava, NodeJS, Python, Golang, AWS, EC2, S3, RDS, VPC, Route 53, CloudWatch, Spring Boot, ReactJS, GraphQL, Jenkins, Docker, Kubernetes, Helm, Watsonx.ai, MongoDB, PostgreSQL, MySQL, Git, REST APIs, Agile, OpenShift, Dynatrace, LogDNA, CloudFormation, Splunk, Whitesource, HTML5, CSS3, JavaScript, Apigee, JMeter, JaCoCo, Spring MVC, Bootstrap, OAuth2, JUnit, Hibernate, Oracle. |