Full Stack Developer

Vamshi R

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https://vamshir-portfolio.vercel.app/ ● https://github.com/Vamshir3156

PROFESSIONAL SUMMARY

- Dynamic and results-driven Full Stack Java Developer with 3+ years of experience in designing, developing, and deploying scalable, high-performance applications across web and mobile platforms.
- Proficient in Java, Spring Boot, Angular, React.js, and Node.js, with hands-on expertise in microservices architecture and cloud-based deployments (AWS, Azure, GCP).
- Skilled in building and maintaining RESTful APIs, integrating GraphQL, and implementing DevOps automation to streamline development and delivery pipelines.
- Experienced with CI/CD pipelines, Kubernetes, Docker, and infrastructure-as-code tools like Terraform, Helm, and Ansible to ensure scalability and high availability.
- Strong background in database design and optimization with MongoDB, MySQL, PostgreSQL, Oracle, Redis, and Elasticsearch.
- Advocate of Agile methodologies and test-driven development, writing clean, testable code and collaborating in cross-functional teams to drive product quality.
- Adept at implementing security best practices including OAuth2, JWT, RBAC, and compliance with data protection regulations such as PCI DSS.
- Passionate about continuous learning, staying updated on emerging technologies, and driving innovation through engineering excellence.

TECHNICAL SKILLS

- **Programming:** Java, TypeScript, JavaScript, Python, SQL, Kotlin
- **Frameworks & Libraries:** Spring Boot, Spring Cloud, Hibernate, Angular, React.js, Next.js, Redux, Node.js, Nest.js, Express.js, Vue.js
- **Web Technologies:** HTML5, CSS3, Tailwind CSS, RESTful APIs, GraphQL
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, DynamoDB
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Terraform, Ansible, Helm
- **Testing & Debugging:** JUnit, Mockito, Cypress, Jest, Postman, SonarQube, Prometheus, Grafana
- **CI/CD & Version Control:** Git, GitHub Actions, Jenkins, Maven, Gradle, Jira

PROFESSIONAL EXPERIENCE

Full Stack Developer
Alliant Group | Houston, TX | Oct 2024 – Present

- Developed a financial fraud detection platform using Java, Spring Boot, and microservices to analyze large-scale transactional data.
- Built responsive dashboards using Angular 15+, React.js, and Vue.js with Redux and NgRx for complex state management.
- Deployed services on AWS using Kubernetes, Docker, Terraform, and managed serverless execution using AWS Lambda.
- Integrated security using OAuth2, JWT, and RBAC with Spring Security to protect sensitive data.
- Monitored application health using Prometheus, Grafana, Dynatrace, and Splunk to optimize performance and system reliability.

Environment: Java, Spring Boot, Angular 15, React.js, Vue.js, PostgreSQL, MongoDB, AWS, Kubernetes, Docker, Terraform, Ansible, Helm, OAuth2, Prometheus, Grafana, CI/CD (Jenkins, GitHub Actions), RESTful APIs, GraphQL

Full Stack Developer
Purpose Financial | Remote | Feb 2024 – Sep 2024

- Migrated legacy applications to a microservices architecture using Spring Boot, Kafka, and RESTful APIs for modular scalability.
- Rebuilt frontend in Angular 11+ and React.js with dynamic routing, lazy loading, and reusable components.
- Integrated DocuSign API for secure digital signatures and enhanced compliance with electronic document handling.
- Automated test and build pipelines with Cypress, Jest, Jenkins, and GitHub Actions for faster feedback and deployment cycles.
- Deployed solutions to AWS (EC2, S3, Lambda) with Kubernetes for scalable and cost-efficient cloud infrastructure.

Environment: Java, Spring Boot, Angular 11+, Node.js, PostgreSQL, Kafka, AWS Lambda, Kubernetes, Docker, Jenkins, GitHub Actions, RESTful APIs, GraphQL, Cypress, Jest, DocuSign API, Elasticsearch, OAuth2, CI/CD Pipelines

Software Developer
Cigniti | India | May 2022 – Dec 2022

- Designed backend APIs using Spring Boot and JAX-RS to serve high-traffic government web applications.
- Created dynamic user interfaces using React, SCSS, and Bootstrap to improve accessibility and usability.
- Ensured secure API access through OAuth2 and JWT while applying role-based access for sensitive user actions.
- Integrated Kafka and RabbitMQ for real-time event streaming and distributed processing.
- Tuned queries and indexing strategies using MongoDB, Elasticsearch, and PostgreSQL to improve response times.

Environment: Java, Spring Boot, React.js, MongoDB, RabbitMQ, Kafka, PostgreSQL, Elasticsearch, Kubernetes, Jenkins, OAuth2, JWT, RESTful APIs, GraphQL, CI/CD Pipelines

Software Developer
HSBC | India | Feb 2021 – May 2022

- Engineered enterprise payment modules using Java, Struts, and Hibernate, conforming to PCI DSS and financial compliance standards.
- Secured payment flows with AES encryption and HSM integration for sensitive transaction data.
- Developed RESTful APIs for customer onboarding, transactions, and account services with 40% performance gains.
- Implemented Redis caching for performance optimization and faster data retrieval under load.
- Orchestrated deployments via Docker and Kubernetes on AWS, achieving fault tolerance and zero-downtime updates.

Environment: Java, Spring Boot, Struts, Hibernate, PostgreSQL, Redis, AWS, Kubernetes, Docker, OAuth2, AES Encryption, HSM, RESTful APIs, Microservices, Jenkins, PCI DSS Compliance, CI/CD Pipelines

EDUCATION

Master of Science in Computer Science
SUNY Polytechnic Institute, Utica, NY

Bachelor of Technology in Computer Science
Sreenidhi Institute of Science and Technology, India