Deekshitha Gaddameedhi

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PROFILE SUMMARY

- Versatile and performance-driven Java Full Stack Developer with 4+ years of proven experience delivering scalable, secure, and high-performing web applications in finance, healthcare, e-commerce, and enterprise environments. Adept in designing RESTful APIs and microservices using Java, Spring Boot, and Hibernate, and building dynamic, responsive frontends using React.js, Redux, JavaScript (ES6+), HTML5, and CSS3.
- Expertise in Java 8–17, Spring Boot, Spring 4.x, Spring MVC, Spring Security, JPA, hibernate 4.x, and Microservices Architecture for developing robust, modular backend systems. Engineered enterprise-grade applications using EJB, J2EE, JSP, JSTL, Custom Tag Libraries, JAX-RS, JDBC, Servlets, JNDI, JMS, and JAXB, optimizing performance and ensuring smooth integration across layers.
- Adept in full software development lifecycle (SDLC), Agile/Scrum methodologies, and DevOps practices. Skilled in deploying and managing cloud-native applications on AWS, GCP (Cloud Run, Pub/Sub), and Azure.
- Recognized for problem-solving, collaboration, secure coding practices, and consistently delivering production-ready code in fast-paced, cross-functional teams. Authored and maintained **Terraform** templates for **Infrastructure as Code (IaC)**, streamlining staging and production environment setups with automated server provisioning.

TECHNICAL SKILLS

Category	Technologies & Tools
Programming Languages	Java, Python, TypeScript, JavaScript, Golang, C++, C#, OOPs
Backend & APIs	Spring Boot, Hibernate, RESTful APIs, GraphQL, Node.js, Microservices, gRPC, Vue.js, MVC framework
Frontend	React.js, Redux, HTML5, CSS3, Bootstrap, Material-UI, React Hooks, Axios, React Router, Styled-Components
Databases	MySQL, PostgreSQL, MongoDB, Oracle, Redis, Cassandra
Cloud & DevOps	AWS (IAM, ElasticBeanstalk, Fargate, Cloud Formation, SQS, SNS, ECR, EC2, ECS, Lambda, Parameter Store, Secrets, RDS, Redis, S3, DynamoDB, IoT Core, API Gateway, CloudFront and Route 53), GCP, Azure, Kubernetes, Docker, Terraform, Ansible, Jenkins, Helm
Testing & Monitoring	JUnit, Mockito, Log4j, Selenium, Cypress, Jest, ELK Stack, Prometheus, Grafana, Gradle, Maven
Messaging & Streaming	Apache Kafka, RabbitMQ, ActiveMQ, WebSockets, Keycloak, SAML, YAML Siteminder SSO, RBAC, IAM, OWASP, GDPR, CPNI Data Protection, Regex-based Encryption
Security & Compliance	OAuth 2.0, JWT, LDAP, Encryption, GDPR
Agile/Scrum & Version Control	JIRA (Kanban, Waterfall, Confluence), Git/GitHub, Bitbucket, SonarQube, Bash/PowerShell, Tekton, Postman
Others	IntelliJ, Eclipse, Visual Studio, Linux, XML, AJAX, Ubuntu, Power BI, Tableau, Trello, Microsoft Suite, JSON

WORK EXPERIENCE

Java Full Stack Developer | **Apr 2024 – Present**
Security Benefit Corporation| Topeka, Kansas, USA
Responsibilities:

- Spearheaded the development of a **real-time financial data synchronization platform** using **Java, Spring Boot, Apache Kafka**, and **RabbitMQ**, reducing message processing latency by **40%** and enabling responsive user experiences.
- Designed and implemented **interactive dashboards** for account and transaction monitoring using **React.js, Angular, HTML5, CSS3**, and **Material-UI**, improving front-end performance, accessibility (WCAG-compliant), and cross-device responsiveness.
- Developed RESTful APIs and integrated frontend views using the **Spring MVC framework**, improving load time by 30% through optimized controller logic.
- Streamlined **REST APIs and SOAP** web services, enhancing integration between internal financial systems and external platforms, reducing **MQTT** integration time by 30% and improving data exchange security
- Automated end-to-end **CI/CD pipelines** with **Jenkins, Terraform, Docker**, and deployed microservices on **AWS (EC2, S3, Lambda, RDS, API Gateway)**, reducing release time and boosting deployment reliability.
- Integrated Identity Access Management (IAM) tooling and OAuth best practices (Auth0, Ping Identity, Cognito, etc.) and **JWT-based authentication** to secure financial transactions and user data across frontend-backend workflows.
- Ensured **cross-platform and cross-browser compatibility** by testing on Linux, Unix, Solaris, and Windows, optimized UI components for Chrome, Firefox, Safari, and Edge.
- Enhanced monitoring and observability using **ELK Stack** and **Prometheus**, reducing incident resolution time by **50%** in production environments. Participated in all phases of **Agile software development life cycle (SDLC)**, collaborating with cross-functional teams to deliver secure, cloud-native, enterprise-grade applications.

Java Full Stack Developer | **Nov 2023 – Mar 2024**
The University of Kansas Health System| Kansas City, USA
Responsibilities:

- Developed and integrated secure, **HIPAA-compliant REST APIs** using **Java, Spring Boot, and Hibernate**, improving API response times by 25% and enabling seamless healthcare data exchange.

- Implemented robust security measures with **Spring Security, OAuth 2.0, and JWT authentication**, ensuring 100% compliance with healthcare standards like **HL7, FHIR, and DICOM**. Optimized **MongoDB and MySQL** queries, improving execution speed by 45%.
- Enhanced application performance by integrating **Redis and Ehcache**, enabling faster data access and reducing database load.
- Built real-time data streaming solutions with **Apache Kafka and Apache Spark**, cutting data latency by 55%. Conducted extensive system load testing using **JMeter**, reducing downtime by 45% and ensuring high system availability.

GCP Developer | (Software Engineer)   **July 2022 – April 2023**
Saraswat Co-operative Bank Ltd (LTI Mindtree) | Mumbai, India
Responsibilities:

- Designed and deployed cloud-native applications on **Google Cloud Platform (GCP)** using **Quarkus, Micronaut, and Vert.x**, ensuring 99.9% uptime and building a robust event-driven architecture. Architected **microservices** with **Kubernetes (GKE) and OpenShift**, enabling scalability, resilience, and efficient workload distribution.
- Optimized data storage and analytics by integrating **BigQuery, Bigtable, and Pub/Sub**, ensuring high availability and real-time data processing. Utilized **Stoplight.io** for API design and documentation, accelerating collaboration and reducing developer onboarding time by **30%**.
- Automated CI/CD pipelines with **ArgoCD, Tekton, and Terraform**, reducing manual effort by 40% and deployment time by 15%. Secured identity management with **Keycloak and OAuth 2.0**, ensuring compliance in financial services.
- Enhanced database performance by leveraging **CockroachDB and Google Spanner**, enabling seamless data migration, consistency, and optimized queries.
- Followed **Agile Scrum methodologies**, accelerating sprint completion by 20% and improving feature delivery by 15%. Strengthened system security, risk management, and compliance for secure transaction processing and fraud detection.

Java Developer | **May 2020 – June 2022 Magna**
Pharmaceuticals | Mumbai, India
Responsibilities:

- Developed scalable backend solutions for pharmaceutical systems using **Java, Spring Boot, and Open JPA**, improving API response times by 40% while maintaining 99.9% uptime.
- Optimized system communication by implementing **Spring Integration and Apache Camel**, reducing data processing time by 35%. Built interactive dashboards with **Angular.js and JavaScript**, enhancing real-time pharmaceutical analytics and user experience.
- Deployed and managed cloud infrastructure on **Microsoft Azure**, optimizing **VM** provisioning time by 50% and reducing infrastructure costs by 20% using **Azure Resource Manager (ARM) templates**. Strengthened network security by 45% by configuring Network Security Groups (NSGs).
- Enhanced system monitoring and logging with **Spring Actuator, ELK Stack, Log4j, and SLF4J**, reducing issue resolution time by 50% and ensuring continuous observability. Refactored backend microservices to **Node.js + Fastify**, deployed serverless on **Azure Functions**, and integrated **Snowflake** for real-time analytics. Authored unit and integration tests in **Jest** and **Mocha**, boosting coverage to 85% and catching regressions before production.
- Designed and optimized **ETL pipelines** for financial analytics using **Apache Flink and Databricks**, cutting data transformation time by 50% and enabling real-time insights for pharmaceutical operations. Improved Oracle database performance, increasing query efficiency by 45% and transaction speed by 20%.
- Automated CI/CD pipelines using **GitLab CI, and CircleCI**, cutting deployment time by 50% and reducing post-release defects by 40%. Ensured efficient version control and collaboration with Git and GitHub.

EDUCATION

Master of Science in Computer Science, University of Central Missouri, MI   **May 2023 – Dec 2024, USA**
Related Coursework: Advanced algorithms, Data structure, object-oriented programming, Machine and Deep Learning, NLP
Bachelor of Technology in Electronics and Communications, JNTUH   **Jul 2018 - Jun 2022, India**
Related Coursework: Python programming, Analog circuits, Auto CAD, Java, C#, C, Data Structures and Algorithms

PROJECT

ConnectMe - A Video Streaming Web App *(React.js, Node.js, WebRTC, AWS Lambda)*
- Built the entire frontend using **React.js**, with dynamic UI elements powered by **Redux** and **WebSockets**. Managed user sessions, authentication, and video call interactions via real-time UI updates and conditional rendering. Integrated RESTful APIs and WebRTC for seamless backend and streaming sync.

American Sign Language (ASL) using Neural Networks | *(Python, Tensorflow, OpenCV)*
- Developed an NLP-based ASL detection model trained with TensorFlow, OpenCV, and Scikit-Learn, utilizing Google Colab for training and deployment, enabling real-time gesture recognition. Achieved 95%+ accuracy and embedded a Flask API, allowing seamless interaction with mobile applications.

CERTIFICATIONS

- AWS Certified Solutions Architect – 2024
- Oracle Cloud Infrastructure (OCI) Generative AI Professional Badge (2024)
- OCI 2024 Foundations Associate Badge