

TECHNICAL SKILLS

Programming: Java 11, Golang, Python, React/Redux, Angular, Node.is, JavaScript, HTML/DOM, XML, CSS, AJAX, C#, Unix shell Frameworks, Libraries, and Tools: Git, Spring Boot, Spring MVC, Gin, GORM, Elasticsearch, Hibernate, RESTful APIs, Maven, Apache Kafka, JUnit, Mockito, JMeter, Selenium, JWT, SAML, OAuth 2.0, RabbitMQ, Jenkins, Redis, , Hashicorp Vault Database Software: PostgreSQL, MongoDB, MySQL, GraphQL, DynamoDB

Cloud-Native: AWS, GCP, Pivotal Cloud Foundry, Tomcat, Kubernetes, Docker, Pulumi, Terraform, Hashicorp Packer

PROFESSIONAL EXPERIENCE

Tata Consultancy Services,

Software Developer

- Led the development of 10 secure REST APIs with the Spring Boot framework, optimizing the content delivery process to a learning management system designed using React as front-end, achieving more than 5000 users.
- Implemented **Docker containerization** for microservices deployment, enhancing code integrity and efficiency. This approach reduced deployment risks by 52% and improved overall project efficiency by 20%, ensuring scalability.
- Developed and maintained the RESTful API endpoints in Spring Boot with test driven development (TDD) of new API endpoints, achieving a 10% improvement in backend response times and a 20% reduction in downtime.
- Integrated Apache Kafka for real-time event-driven communication, enabling instant notification to users for expense logging, budget threshold, and report generation, resulting in 60% faster notification delivery.
- Selected the Test Cases to be automated and performed functional testing of the front-end using **Selenium** and created Data-Driven Framework using JUnit.

Sudesi Infotech,

Android Developer Intern

- Architected Android application frontend screens employing Intents and MVVM Model in Android Studio, catalyzing a 40% surge in user engagement and slashing bounce rates by 25% within three months.
- Developed a system to harness the **Firebase** to store and retrieve NoSQL data adeptly, culminating in a **60% reduction** in access latency and propelling application responsiveness by 30%.
- Orchestrated the fusion of RESTful APIs, SQLite, offline data synchronization, and seamless operation even in offline scenarios, resulting in a **20% surge** in user satisfaction and retention rates.

ACADEMIC PROJECTS

Assessment Management System

| Spring Boot, PostgreSQL, AWS-EC2, IAM, DNS, RDS, GCP, VPC, CloudWatch, SNS, Route53, Linux

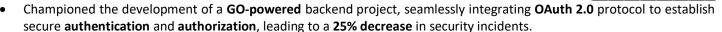


- Designed and implemented a robust multi-AZ assessment platform featuring authenticated RESTful CRUD APIs with a robust logging mechanism and event-driven architecture.
- Leveraged observability tools to automate horizontal scaling and track CPU utilization, which led to a 33% decrease in infrastructure expenses and downtime.
- Crafted scalable app with coding standards, testing, documentation, and CI/CD workflow, reducing manual oversight by 30+ minutes per PR with GitHub Actions and HashiCorp Packer.

Online Movie Booking System | Java, Spring Boot, Hibernate, MySQL

- Developed a robust Movie Booking System featuring secure user registration, efficient ticket booking, and a comprehensive admin portal for managing the movie database with 100 records.
- Utilized token-based Authentication and authorization to fortify endpoints, ensuring robust access control and enforcing appropriate status codes.

InsureSync | GO, OAuth2.0, Elastic Search, RabbitMQ, Express.js



Optimized indexing and search functionality alongside RabbitMQ for efficient messaging queue implementation, resulting in a 20% reduction in data retrieval time, enhancing overall system performance.

EDUCATION

Master of Science, Software Engineering Systems

May 2024 GPA: 3.6/4.0 May 2020





