

PROFESSIONAL SUMMARY

Results-driven Fullstack Developer with 3+ years specializing in high-performance backend systems and Agile development. Expert in Java, Spring Boot, Python, and SQL with a proven track record of boosting application scalability by 300% and reducing response latency by 37%. AWS-certified professional skilled in cloud native microservice architecture, CI/CD automation, database optimization, and React development.

WORK EXPERIENCE

- Sr. Software Engineer

Capgemini Technology Services India Limited

- Boosted application scalability by 300% and cut infra costs by 25% via AWS deployment & migration from on-prem (ECS Fargate,S3).
 - Architected an automated Jenkins CI/CD pipeline integrating build-test-deploy workflows and quality checks, reducing release cycle time from 4 hours to 1 hour (75% improvement) and decreasing production deployment failures by 60%.
 - Reduced infrastructure provisioning time by 80% and eliminated configuration drift through Terraform IaC implementation.
 - Decreased production bugs by 45% and code review time by 50% through Gitflow branching, peer reviews, and clean-code standards.
 - Maintained 98% stakeholder satisfaction delivering multiple features on schedule via MS Teams collaboration and sprint planning.

April 2023 – July 2024

Mumbai, India
- Software Engineer

Capgemini Technology Services India Limited

- Developed a Java-Spring Boot multi Microservices platform, exposing 30+ versioned REST APIs on MySQL via JPA/Hibernate.
 - Added RabbitMQ queues and Redis caches, lowering p95 latency from 400 to 250 ms while sustaining 3 k req/s at 99.9 % availability.
 - Reduced defects by 60% by implementing Postman regression suites and TDD practices to validate API contracts pre-release.
 - Implemented Spring Security with JWT auth, role policies, and TLS encryption, reducing vulnerabilities by 85%.
 - Cut storage costs by 30% and improved access via MySQL for transactions, MongoDB for unstructured data, and cloud object storage.
 - Configured CloudWatch monitoring dashboards and alerts, enabling detection of 95% of performance issues before user impact.
 - Optimized database queries and designed indexing strategies resulting in a 40% reduction in average query execution time.

September 2021 – April 2023

Mumbai, India

Data Science Intern

The Sparks Foundation

- Engineered Python analytics prototypes (Pandas, scikit-learn) achieving 92% model accuracy and 35% error reduction.
- Performed EDA with Matplotlib/Seaborn and outlier detection, analyzing 50K+ records and identifying 3 revenue correlation patterns.
- Trained linear-regression, random-forest and k-means models via GridSearchCV, reducing demand-forecast RMSE by 22%.
- Constructed 4 Tableau dashboards and reproducible Python workflows, implementing 20+ streamlined tests for data pipeline reliability.

June 2021 – July 2021

Goa, India

EDUCATION

- Master of Engineering in Software Engineering

University of Western Ontario

Graduation Date: September 2025

London, Ontario, Canada
- Bachelor of Engineering in Electronics and Telecommunications Engineering

Don Bosco College of Engineering

Graduation Date: September 2021

Margao, Goa, India

PROJECT EXPERIENCE

- Full-Stack Social Media Blogging Application: [GitHub Repository](#)

- Crafted a feature-rich social blogging platform with user authentication and authorization using JWT-based access control.
 - Developed the frontend with React and state management using Redux; created a RESTful backend with Node.js and Express.js.
 - Utilized MongoDB as the primary NoSQL database to store and manage users, posts, likes, and comments, enabling scalable and flexible data handling.
 - Containerized the app with Docker, deployed scalable pods via Kubernetes to GCP, and automated deployment using GitHub Actions CI/CD.
- Restaurant Review App: [GitHub Repository](#)

- Programmed a Spring Boot service for the restaurant-review app, securing it with JWTs via Keycloak & Spring Security OAuth2
 - Chose Elasticsearch as the primary data store, added geospatial `geo_distance` queries for location-aware discovery.
 - Delivered a REST API for restaurant CRUD, 48 h-bound review edits, and photo uploads via a custom `FileSystemService`.
 - Leveraged MapStruct and Lombok to convert rich nested domain objects to lean DTOs consumed by a responsive Next.js front-end.
 - Containerised the stack with Docker Compose (Spring API, Elasticsearch, Kibana, Keycloak) for instant local setup and CI integration.

SKILLS

- Languages: Java, Python, JavaScript, C, Embedded C, Golang, PHP, SQL, HTML5, CSS

Developer Tools: AWS, GCP, Git, GitHub, Docker, Kubernetes, Terraform, MySQL, MongoDB, Jenkins, Postman

Libraries & Frameworks: SpringBoot, Node.js, Express.js, React.js, Next.js, Vue.js

Technical Certifications: AWS Certified Developer Associate, AWS Certified Cloud Practitioner