

Dinesh Sathunuri

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SUMMARY

Java Full-Stack Developer with 1+ years of experience delivering **high-performance, scalable, and secure cloud-native applications** using **Spring Boot, ReactJS, RESTful APIs, and AWS**. Skilled in designing and implementing **microservices architecture, container orchestration with Docker and Kubernetes**, and automating **CI/CD pipelines** to accelerate software delivery. Proficient in Agile methodologies, unit testing, and code reviews, with a strong commitment to **clean code, performance optimization, and continuous learning**.

EDUCATION

New York University

M.Eng. in Computer Engineering, GPA: 3.5/4.0

GITAM University

B.E. in Computer Science, GPA: 8.3/10.0

New York, NY

Sep 2023 – May 2025

Hyderabad, India

Jun 2017 – Apr 2021

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL

Frameworks & Libraries: Spring Boot, Hibernate, JPA, React, Node.js, Express, Bootstrap, Tailwind CSS

Cloud & DevOps: AWS (EC2, RDS, S3, Lambda, API Gateway), Docker, Kubernetes, GitHub Actions, Jenkins, Terraform

Databases: MySQL, PostgreSQL, Oracle SQL, MongoDB, Redis (Caching)

Testing & QA: JUnit, Mockito, Postman, Selenium, Jest, TDD, BDD

Monitoring & Logging: Prometheus, Grafana, ELK Stack

Security: JWT, OAuth 2.0, HTTPS, Secure Coding Practices, OWASP Compliance

Methodologies & Tools: Agile, Scrum, Kanban, Jira, Git, Code Reviews, Pair Programming, Clean Code, SOLID Principles

WORK EXPERIENCE

ValueLabs

Software Engineer

Hyderabad, India

Jul 2022 – Aug 2023

- Designed and implemented scalable **microservices architecture** using **Spring Boot, ReactJS**, and **PostgreSQL**, reducing page load times by 30% and enhancing system reliability and scalability.
- Refactored RESTful APIs to support 10,000+ concurrent users, improving throughput, response time, and data integrity by 15%.
- Automated build, testing, and deployment pipelines with **GitHub Actions** and **Docker**, cutting release cycle time by 20% and minimizing production issues.
- Led Agile ceremonies such as sprint planning, daily standups, and retrospectives, boosting team velocity and delivery predictability.
- Mentored junior developers via code reviews and pair programming, fostering knowledge sharing and high-quality code.

Optimal Health Solutions

Software Engineer Intern

Hyderabad, India

Apr 2021 – Sep 2021

- Built secure, full-stack features with the **MERN stack** integrated with AWS S3 for encrypted document storage, improving data security compliance.
- Enhanced prescription accuracy by 20% through API refactoring and rigorous input validation, positively impacting patient care.
- Collaborated with cross-functional Agile teams to optimize development workflows and accelerate product delivery.

PROJECTS

- **Appointment Scheduler:** Developed a scalable microservices system with **Spring Boot, MySQL, JWT**, and **Redis** caching to handle 1,000+ monthly bookings. Integrated chatbot and real-time notifications; deployed with Docker and monitored via Grafana.
- **Cruise Management System:** Built React + Spring Boot admin portal managing 500+ cruise bookings with **Oracle DB** integration and role-based access control (RBAC).
- **Split App:** Created a real-time group expense tracker mobile app using **React Native** and Spring Boot; implemented JWT authentication, live balance updates, and unit testing with JUnit.
- **Car Rental System:** Developed a multi-role platform with vehicle inventory, booking, payment integration, and admin reporting using **Spring Boot, MySQL, React**, and **JWT**. Optimized SQL queries for low-latency data retrieval.