

SUMMARY

Full Stack Developer with hands-on experience designing scalable systems and building **7+ end-to-end web applications** using **Java, Spring Boot, Microservices**, and **React**. Solved **600+ data structure and algorithmic problems** in **LeetCode** and **GFG**. Delivered solutions using **REST APIs, Docker**, and **AWS** in **Agile-based sprints** to optimize performance and drive business impact.

EDUCATION

Haldia Institute of Technology
Bachelor of Technology in Information Technology
DGPA: 8.68/10
Course Work: Data Structures, Algorithms, DBMS, Operating System, Computer Network

Haldia, West Bengal
July 2019 - June 2023

SKILLS SUMMARY

Languages: C, Java, JavaScript, TypeScript, SQL
Backend: Spring Boot, REST APIs, Microservices, JPA
DevOps: Docker, Kubernetes, Jenkins CI/CD, Git, Maven
Architecture: MVC, Design Patterns, Kafka, Swagger
CS Fundamentals: OOPS, DSA, System Design, DBMS

Frontend: React.js, Angular, HTML5, CSS3, Redux
Cloud & Databases: AWS (EC2, S3, RDS), MySQL
Testing: JUnit, Mockito, Postman
Tools: VS Code, IntelliJ, Jira, GitHub Copilot
Soft Skills: Tech Team Lead, Agile Collaboration

EXPERIENCE

Capgemini India Pvt. Limited
Full Stack Java Developer

- Implemented responsive UI components for banking applications using React, enhancing performance by 30%.
- Constructed 2 reusable UI components used in 5+ modules, cutting duplicate code by 35% and accelerating development.
- Migrated legacy systems to Spring Boot and Microservices, boosting speed by 25% and reducing maintenance issues.
- Drafted unit and integration test cases for a React application, increasing code coverage from 35% to 75%.
- Engaged participated in sprint planning and retrospectives, proposing solutions that reduced bug backlog by 20%.
- Facilitated code reviews & led 7+ technical knowledge-sharing sessions, improving adherence to clean code practices.

Bangalore, India
June 2024 – Present

PROJECTS

Hospital Management System [Java 8 - Spring Boot - Microservices - Swagger - MySQL]

- Delivered 70+ RESTful APIs with Spring Boot and JPA to enable comprehensive CRUD operations.
- Designed scalable backend architecture with MySQL and integrated JUnit 5 unit testing.
- Integrated Swagger and SonarQube, improving API clarity and reducing code issues by 25%.
- Prepared details docs and README, helping 3+ contributors make first commits in 2 days.

GitHub

Bank Management System [React - Spring Boot - REST API - Postman - MySQL]

- Engineered a modular banking app with React, Spring Boot & MySQL, handling 30+ API interactions.
- Managed 30+ RESTful APIs for account management, transactions and JWT auth.
- Created responsive React UI with Material Design, improving accessibility on 95%+ screen sizes.
- Utilized Docker for containerized deployments, reducing setup time by 40%.

GitHub

Educator: Learn for Free [HTML - CSS - JavaScript]

- Developed a learning platform that curates top video lectures and handwritten notes.
- Crafted a fully responsive UI using HTML, CSS, and JavaScript, ensuring compatibility across 15+ device resolutions.
- Enhanced smooth animations and interactive elements, increasing average session time by 40%.

GitHub — **Live**

ACHIEVEMENTS

Top 3 Achievers @ Capgemini - Delivered 5+ key features, led client demos, and upheld Agile practices across 10+ sprints.
Led ACM Society — Headed a team of 50+ to organize a 7-day tech workshop with 750+ enrollments, a campus record.
DSA on GFG - Solved 560 + problems; appreciated by the founder for consistent contributions and quality solutions.

CERTIFICATES

Generative AI Certificate — Completed 20+ hours of LLM, GitHub Copilot, prompt engineering, and AI tools.
Agile Development Certificate — Applied Agile, Scrum, and Sprint planning in 2 full-cycle projects.
OCEAN Certification — Cleared 3-level software engineering test on SDLC, architecture, and design principles.