THRISHA KIRAN

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EXPERIENCE

Full Stack Engineering Intern — May-July 2025
Fidelity Investments — *Bangalore,India*

- Developed and tested Spring Boot applications in Java using JUnit, PowerMock, and Mockito, ensuring compliance with coding standards and improving reliability across 8+ AWS Lambda functions.
- Automated CI/CD pipelines with Jenkins, reducing manual errors, accelerating deployments, and enabling faster team feedback in an Agile environment.
- Applied SonarQube for code quality assurance, eliminating code smells, enforcing best practices, and achieving 90%+ test coverage.
- Collaborated in Agile-Scrum teams using JIRA, contributing to sprint planning, daily stand-ups, and retrospectives to deliver high-quality features on schedule.

EDUCATION

Computer science and Engineering , Bangalore Institute of technology — CGPA: 9.14/10 (2022 - present)
XII, St. Ann's Pre-University College — Percentage: 96% (2022)

PROJECTS

CARPOOL A web platform addressing the problem of rising solo travel and pollution by enabling affordable, sustainable ride-sharing among students. Designed and integrated REST APIs for ride registration, booking, fare estimation, and cancellations, ensuring scalability and modularity. By reducing redundant trips, the system minimizes traffic congestion, lowers carbon footprint, and fosters community-based transport solutions.
Tech Stack: Spring Boot, REST APIs, PostgreSQL, Thymeleaf, HTML, CSS.

S.H.I.E.L.D An accident detection system that leverages integration with car airbags and bumpers to instantly detect crashes and trigger emergency alerts within 2 seconds. The system automatically notifies nearby authorities, significantly reducing response times and enhancing passenger safety during critical situations.
Tech Stack: HTML, CSS, and Python

SKILLS

Programming languages	Python, Java, C, C++ .
Web Technologies	HTML, CSS, Spring Boot, Thymeleaf, Git, GitHub.
Tools and Platforms	Jenkins, JUnit, PostgreSQL, Mockito, SonarQube, JIRA, CI/CD Pipelines.
Core Subjects	Operating Systems, Computer Networks, DBMS.
Soft Skills	Leadership, Public speaking, Versatility, Adaptability, Attention to Detail.

POSITION OF RESPONSIBILITY

President — 2023 - 2025
OS-CODE

- Managed club operations, including handling budgets and resource allocation for multiple technical events.
- Organized and led 3+ hackathons and coding competitions, fostering participation from 150+ students.
- Conducted workshops and sessions on Data Structures, Algorithms, and career development, helping peers build strong problem-solving foundations.

ACHIEVEMENTS AND VOLUNTEER WORK

- Valedictorian (2022) – RANK 1 student of the batch with a perfect 100 in Computer Science and Mathematics.
- Finalist of Fantom Code a national-level hackathon organised by RVITM.