ANJIBABU MOTHE

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OBJECTIVES

Final-year B. Tech student skilled in **Java and web technologies** backed by hands-on experience through projects and internships. Strong foundation in **software engineering principles, problem-solving, and application development.** Seeking an entry-level Software Engineer position to apply technical knowledge and grow in a fast-paced engineering environment.

EDUCATION

Chaitanya Deemed To Be University **2022 — 2026**
B.Tech in Computer Science (GPA: 9.5) *Telangana, India*

Alphores Junior College **2020 — 2022**
Intermediate (96.8%) *Telangana, India*

TetraHedron Model School **2019 — 2020**
SSC (GPA: 10) *Telangana, India*

TECHNICAL SKILLS

Programming Languages: Java, Python

Front End: HTML, CSS, JavaScript, React.js

Back End: Node.js, Express.js, Spring Boot, Hibernate / JPA

Databases: MongoDB, MySQL

Tools: Git Hub, Postman, Maven

EXPERIENCE

AICTE – Edunet Foundation - EY GDS | *MERN STACK INTERN* Mar 2025 – Apr 2025

- Developed a complete E-commerce platform using MongoDB, Express.js, React.js, and Node.js (MERN stack).
- Implemented features including user authentication, product catalog, cart, and admin dashboard.
- Integrated RESTful APIs and performed CRUD operations; improved backend efficiency by 70%.
- Managed source code via Git and GitHub; enhanced navigation speed by 40%.

PROJECTS

AI-Powered EnviroScan – Pollution Source Identification System | Infosys Springboard Nov 25 – Jan 26

- Built a machine learning system to classify 5 pollution sources (vehicular, industrial, agricultural, residential, natural) using environmental and geospatial datasets containing 10,000+ records.
- Applied Random Forest classification to analyze AQI trends and achieved ~85–90% classification accuracy**.**
- Visualized pollution-prone regions using interactive geospatial maps and data dashboards.
- Designed an **interactive visual analytics dashboard using Streamlit** to present pollution patterns and insights.

Duplicate Application Management Tool | *Java, IBM Expert Labs Hackathon* Aug 2025

- Developed a Java-based tool to identify and remove duplicate applications based on content, not filenames.
- Implemented SHA-256 hashing to identify redundant applications with 100% hash-level accuracy, significantly reducing false positives.
- Designed a rule-based system to automatically categorize applications into 5+ predefined categories.
- Collaborated in a 3-member team to optimize performance and deliver a fully functional solution with in 24hrs Hackathon timeframe.

CERTIFICATIONS

MERN Stack Web Development – AICTE (*Apr 2025*)

IBM Expert Labs Hackathon – Participation Certificate (*AUG 2025*)

Java and Python Programming – IBM (*Sep 2024*)