

Mahesh Khot

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PROFILE SUMMARY

Recent graduate with a strong foundation in software development, object-oriented programming, databases, and problem-solving. Experienced in building full-stack applications and eager to contribute to innovative software solutions while continuously learning new technologies.

TECHNICAL SKILLS

- *Programming Languages:* Core Java, Python, OOPs, Collections Framework, Multithreading, Exception Handling, SQL
 - *Frontend Technologies:* HTML, CSS, JavaScript
 - *Backend Technologies:* Servlets, JSP, Spring Boot, REST APIs
 - *Databases & Tools:* MySQL, Git, GitHub, IntelliJ IDEA
 - *Core Computer Science Concepts:* Data Structures & Algorithms (DSA), Database Management Systems (DBMS)
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PROJECTS

WealthWise – Mutual Fund & SIP Tracking Platform

Technologies: Core Java, React.js, Spring Boot, MySQL, REST APIs

- Developed a full-stack application for mutual fund investment simulation and SIP tracking using React.js and Spring Boot.
- Designed normalized database schemas and implemented secure REST APIs with MySQL and JWT authentication.
- Implemented role-based access control, portfolio management, and transaction logging features.
- Built historical NAV tracking and mutual fund discovery modules to improve investment analysis and user experience.

AI Recruitment System

Technologies: Python, React.js, FastAPI, Supabase, FAISS, XGBoost, REST APIs

- Developed an AI-powered recruitment platform for resume parsing, semantic job matching, and candidate ranking.
 - Implemented SNN embeddings with FAISS search to recommend relevant jobs from a library of 40,000+ roles.
 - Built candidate ranking and shortlisting modules using XGBoost (LambdaMART) and integrated secure REST APIs with Supabase.
 - Designed responsive recruiter and candidate dashboards with React.js and Tailwind CSS for resume upload and result visualization.
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EDUCATION

B.E. in Electronics and Communication Engineering

KLS Gogte Institute of Technology, Belagavi | CGPA: 8.53/10 | 2026

ACHIEVEMENTS & EXPERIENCE

- LeetCode: Solved 300+ DSA problems in Java and strengthened problem-solving skills.
- Python & AI Intern (16 Weeks) – Genplus Training & Consulting Services Pvt. Ltd.; Developed an AI Recruitment System using React, FastAPI, and Supabase.