

RAKSHITHA P

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PROFILE SUMMARY

Motivated and detail-oriented MCA student with a strong interest in building well-structured, reliable software. I have hands-on experience developing real-world applications through academic and self-driven projects using Java, JavaScript, React, Node.js, and Spring Boot. I enjoy breaking down complex problems, learning new technologies quickly, and writing clean, scalable code that focuses on real user needs. I am eager to grow as a software engineer by working in collaborative environments where I can apply core engineering principles, learn from feedback, and contribute meaningfully to impactful products.

EDUCATION

Master of Computer Applications (MCA)

Bangalore Institute of Technology, Bangalore | 2024 – 2026 (*Pursuing*)

CGPA: **9.35 / 10**

Bachelor of Computer Applications (BCA)

JSSCACS, Mysore | Nov 2021 – July 2024

CGPA: **8.56 / 10**

TECHNICAL SKILLS

Programming Languages: Java, C, Python, JavaScript

Full Stack Development: MERN Stack (MongoDB, Express.js, React, Node.js), Spring Boot, RESTful APIs

Databases: MySQL, MongoDB

Machine Learning & Data Analysis: Data preprocessing, Regression models, Model Evaluation-Pandas, NumPy, Scikit-learn; hands-on experience with ML projects.

Tools & Version Control: Git, GitHub, VS Code

Soft Skills

- Analytical and structured problem-solving approach
- Quick learner with strong adaptability to new technologies
- Clear communication and collaborative teamwork
- Detail-oriented with a disciplined work ethic
- Self-motivated and eager to grow in real-world environments.

PROJECTS

Campus Connect – Club & Event Management System

Tools Used: React.js, Node.js, Express.js, MongoDB

- Developed a full-stack web application to manage campus events and student participation.
- Implemented role-based dashboards and a QR code-based attendance system.
- Built REST APIs and connected the application with MongoDB for data storage.

URL Shortener

Tools Used: Java, Spring Boot, H2 Database, Swagger UI

- Built a backend service to generate short URLs and handle redirection.
- Implemented REST APIs using Spring Boot and stored data using H2 database.
- Used Swagger UI for API documentation and testing.

House Price Prediction using Machine Learning

Tools Used: Python, Scikit-learn, Streamlit

- Developed a regression-based ML model to predict house prices using key features.
- Built a Streamlit web app for interactive predictions and visualization.

CERTIFICATIONS

- Oracle Database Administration – L&T EduTech
- Research Methodology & IPR – VTU
- Java Developer Internship Certification – Elevate Labs

ADDITIONAL INFORMATION

Languages Known: English, Hindi, Kannada

Interests: Coding, exploring new technologies, watching tech talks, reading novels