

# RAKSHITHA P

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## PROFILE SUMMARY

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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

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### 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

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**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

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- 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

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### 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

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

## ADDITIONAL INFORMATION

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**Languages Known:** English, Hindi, Kannada

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