

RAVI KASAUDHAN

Bengaluru, Karnataka

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Software Developer

Education

Vellore Institute of Technology

B.Tech - Computer Science & Engineering

July 2021 – May 2025

Bhopal, Madhya Pradesh

Skills

Languages: C++, Java, HTML, CSS, JavaScript

Technologies/Frameworks: React.js, REST APIs, Web Development

Databases: MySQL, MongoDB, Firebase

Tools: VS Code, Git, Android Studio, Xcode, macOS, Figma, AWS (EC2, S3, Lambda)

Computer Science Fundamentals: Data Structures, Algorithms, DBMS, Operating Systems, Computer Networks, OOPs

Experience

Indian Institute of Technology Guwahati

February 2022 – May 2022

CA Summer Intern

- Executed the Anudaksh Program at IIT Guwahati, gaining hands-on experience in software development, improving technical proficiency by 20%, and implementing efficient coding workflows.
- Designed and optimized scalable software solutions in collaboration with the Electronics Electrical Engineering department, delivering projects 2 weeks ahead of schedule and improving workflow efficiency by 15%.

Prodigy InfoTech

May 2024 – August 2024

Web Developer Intern

- Developed responsive web apps with HTML, CSS, JavaScript, boosting load speed by 30% and engagement by 20%.
- Improved MongoDB database queries, cutting server response time by 20% and boosting backend efficiency.
- Integrated authentication mechanisms and live data synchronization, enhancing security and user interaction.

Projects

EduConnect Bharat | [GitHub](#) | [Live Demo](#) | React.js, HTML, JS, PWA, AI Chatbot August 2025 – October 2025

- Architected an AI-powered education platform, improving accessibility by 40
- Engineered responsive React.js components, boosting mobile engagement by 35% across diverse devices.
- Deployed AI chatbot integration, enhancing personalized career guidance accuracy by 50% for student success.
- Implemented real-time collaboration features using React state management, increasing user interaction by 25%.

Water Quality Prediction | [GitHub](#) | Python, Machine Learning, NumPy, Pandas

June 2022 – October 2022

- Engineered an AI-powered prediction model with 95% accuracy, enhancing water assessment and monitoring.
- Designed an automated data pipeline, optimizing feature selection and reducing processing time by 40%.

Certifications

- AWS Certified Cloud Practitioner | [Amazon](#)
- J.P. Morgan - Software Engineering Job Simulation | [J.P. Morgan](#)
- Career Essentials in Software Development | [Microsoft & LinkedIn](#)
- Oracle Cloud Infrastructure Foundations | [Oracle](#)

ACHIEVEMENTS

Leetcode

- Solved over 600+ problems on Leetcode Global Rank: 48600 (Top 82.5%).

Funding Frenzy- Rendezvous, IIT DELHI

- Secured a place in the final round, where we presented our innovative idea and web application, Educonnect Bharat.

Manthan National Hackathon 2.0 Roorkee

- Secured 5th place in a national hackathon among 100+ teams, addressing an education tech problem statement.

The Examination Held By The Ministry Of Education India

- Awarded by the Education Minister of India (2016).

Launch An Auto-Scaling AWS EC2 Virtual Machine

- Configured and automated an AWS EC2 auto-scaling instance, enhancing cloud performance and resource efficiency.