

# RAJA AKULA

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## SUMMARY

Software Engineer with practical experience in fullstack development, including web technologies and backend integration. Contributed to team projects in machine learning and product engineering, developing robust web interfaces with JavaScript, HTML/CSS, and API integrations. Demonstrated strong collaboration and problem-solving skills through internships and technical mentoring, with a keen interest in leveraging Full stack Development and Generative AI to build impactful applications.

## TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, JavaScript
- **Technologies & Frameworks:** HTML5, CSS3, Tailwind CSS, React.js, Typescript, Express.js
- **Databases:** MySQL, MongoDB
- **Tools:** VsCode, Git, GitHub, Microsoft Office (Excel, Word, Powerpoint)
- **CourseWork :** DBMS, Operating System, Data Structures and Algorithms, SDLC, Computer Networks

## PROJECTS

### EDUBOT — Frontend Developer

*React.js, Tailwind CSS, JavaScript, Node.js*

- Built a fully responsive company website from Figma using React and Tailwind CSS, improving load speed by **35%**.
- Developed **5+ reusable components** and implemented routing for seamless navigation.
- Enhanced form handling and state management, reducing user input **errors** by **25%**.
- Collaborated with design and backend teams to deliver a **scalable, high-performance UI**.

### E - PATIENT MANAGEMENT SYSTEM — Full Stack Developer

*React.js, Node.js, MongoDB, TailwindCss, JavaScript, JWT*

- Developed a **Responsive Healthcare platform** for patients, doctors, and organizations.
- Implemented **Dynamic dashboards, Appointment booking, Doctor availability, and their authorization**.
- Built secure **Authentication, role-based access, and reusable components** for **scalability**.

## EDUCATION

### Pragati Engineering College - **8.02 GPA**

**June 2023 – May 2026**

*Bachelor of Technology in Computer Science and Engineering*

Surempalem ,India

### Andhra Polytechnic College – **84%**

**Sep 2020 – May 2023**

*Diploma in Computer Engineering*

Kakinada ,India

## CERTIFICATIONS

### AWS Cloud Virtual Internship

July -- Sep 2024

### IBM FrontEnd Development(Html,Css,Javascript)

July - 2025

### Edx - Python

December -2024

## ACHIEVEMENTS & CODING PRACTICE

- HackerRank Badges : 5★ in Python | 4★ in Problem Solving | 4★ in CPP .
- Participated in Google Solution Challenge - 2025.
- Solved 550+ problems on Leetcode .
- Participating in Coding Events & rating 1400+ in leetcode contest.
- Cricket Team Lead: Guided team to the finals and awarded “Best Catch of the Match”.