Ananya Rao

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Education

Example Institute of Technology — Pune, India
Bachelor of Technology in Computer Engineering; CGPA: 8.6/10 — *Aug. 2023 – May 2027*

Experience

Software Engineering Intern — May 2026 – July 2026
Sample Logistics Pvt. Ltd. — *Pune, India*

- Built a delivery-status dashboard in React and Node.js used daily by 40 support agents, replacing manual spreadsheet lookups
- Cut average API response time from 900ms to 350ms by adding Redis caching to the three most-called order endpoints
- Wrote 60+ Jest unit tests for the billing module, raising its test coverage from 35% to 78% before a major release

Technical Lead — Aug. 2024 – Present
Coding Club, Example Institute of Technology — *Pune, India*

- Organized a 24-hour campus hackathon for 220 participants, coordinating 12 volunteers and 4 faculty judges
- Ran weekly Git and DSA workshops for 70 first-year students, publishing all materials on the club's GitHub

Web Development Intern — Dec. 2025 – Jan. 2026
Example Health Foundation (NGO) — *Remote*

- Rebuilt the volunteer sign-up site in Next.js, lowering mobile page load time from 4.1s to 1.6s
- Added form validation and email confirmations, reducing incomplete volunteer applications by roughly a third
- Documented the deployment process so non-technical staff could publish event pages without developer help

Projects

CampusEats | *React Native, Firebase, Razorpay Test Mode* — Jan. 2026 – Mar. 2026

- Developed a canteen pre-ordering app piloted by 300 students, reducing peak-hour queue time by about 10 minutes
- Implemented real-time order tracking with Firestore listeners and push notifications through Firebase Cloud Messaging

Attendance Insights | *Python, Pandas, Streamlit* — Aug. 2025 – Oct. 2025

- Created a Streamlit dashboard that flags students below 75% attendance, adopted by 2 department coordinators
- Automated weekly report generation from raw CSV exports, saving coordinators about 3 hours per week

Pathfinding Visualizer | *TypeScript, HTML Canvas* — May 2025 – June 2025

- Visualized Dijkstra, A* and BFS on interactive grids; shared as an open-source learning tool with 45 GitHub stars

Resume Parser CLI | *Python, spaCy, pdfplumber* — Mar. 2025 – Apr. 2025

- Extracted education, skills and dates from 150 sample PDF resumes with 92% field-level accuracy on a labeled test set
- Packaged the tool with a command-line interface and published usage documentation for classmates

Smart Plant Monitor | *Arduino, C++, MQTT* — Oct. 2024 – Dec. 2024

- Built a soil-moisture sensor node that sends readings over MQTT and triggers watering alerts on a phone
- Presented the prototype at the departmental project expo and won second place among 38 teams

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL
Frameworks: React, React Native, Node.js, Express, Streamlit
Tools & Cloud: Git, Docker, Firebase, Redis, PostgreSQL, Jest
Hardware: Arduino, ESP32, MQTT, basic PCB design

Certifications

Example Cloud Practitioner | *Example Cloud Academy* Feb. 2026

Data Structures and Algorithms Specialization | *Example Online University* Sep. 2025

Achievements

Finalist, Example State Hackathon | *Top 10 of 400 teams* Mar. 2026

Merit Scholarship | *Example Institute of Technology* 2024 – 2026

Leadership

Volunteer Mentor June 2024 – Present

Example Code for Girls Chapter *Pune, India*

- Mentor 15 school students through a 10-week introductory Python curriculum each semester
- Designed beginner-friendly project briefs that 80% of mentees completed by the final week