

# Aditya Srinivas Konda

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## CAREER OBJECTIVE

Enthusiastic and hands-on Developer skilled in Android, Java, MERN stack, and Software Testing. Built and deployed 20+ real-world projects including a Blockchain Donation Platform and SHEild Mobile Application using Java/Kotlin. Active on GitHub with 500+ commits, strong in REST APIs, Firebase, and Testing. Seeking a dynamic role to apply and grow my skills.

## EDUCATION

Degree/Course	Institution/University	Year of passing	CGPA/Percentage
<b>B.E. in Information Technology</b>	K.C. College of Engineering, (University of Mumbai), Thane	2025	8.28 CGPA
<b>H.S.C</b>	Shivneri School & Junior College (CBSE) , Pune	2021	74.04%

## KEY SKILLS

### Programming & Development

- Proficient in Java, SQL
- REST API integration | Firebase (Basic CRUD & Authentication)
- Basics of MERN Stack: MongoDB, Express.js, React.js, Node.js
- Version Control: Git, GitHub

### Application Support & Software Testing

- Basic troubleshooting, log analysis, incident resolution on Linux and Windows
- Familiar with Automation Testing basics and Proficient in Manual Testing like Test cases, Chirpstack, Postman API, Hardware Firmware Flashing, Sanity Testing, Functional Testing.
- Understanding of SDLC, STLC, Defect Life Cycle, and basic Agile methodology
- Strong understanding of OSI Model, TCP/IP, DNS, HTTP, SMTP

### Tools & IDEs

- Android Studio, VS Code, GitHub, MySQL Workbench, Firebase, XAMPP, Android SDK

### Soft Skills

- Strong problem-solving, analytical skills & Effective communication
- Team collaboration, time management & quick adaptability

## PERSONAL PROJECTS

### Charity Blockchain (Secure Donation Platform) - [Live Demo](#) | [GitHub Repository](#)

Tools: **Solidity, Ethereum, React, Web3.js, MetaMask, HTML, CSS, JS, Vercel, Trae**

- Engineered a decentralized donation platform using **smart contracts** to ensure full transparency and eliminate third-party interference.
- Monitored live blockchain interactions using browser dev tools and **Web3 logs** to identify and resolve performance issues.

### Web Automation Testing – Internal Webpage QA Script [GitHub Repository](#)

Tools: **Java, Selenium WebDriver, Maven, TestNG, Apache POI**

- Developed a Selenium-based automation framework to test form validation and login flows on a dynamic web application.
- Integrated Excel-driven test input/output, handled retries for validation failures, and captured screenshots for reporting.
- Improved test efficiency and ensured bug-free deployment through regression testing workflows.

### SHEild – Women Safety Application and IoT Device - [GitHub Repository](#)

Tools: **Android Studio, Java/Kotlin, ESP8266, GPS, IoT, XML, HTML, CSS, JS, Firebase**

- Enhanced a real-time women safety **mobile application** featuring SOS alerts, GPS tracking, emergency contact notifications, Hidden Camera using phone's electromagnetic sensors.
- Integrated an **IoT-enabled device** using ESP8266, **reducing emergency response time by 30%**

## ACHIEVEMENTS

- **Second Prize** in IETE-SF Technical Poster Making Competition.
- **Top 10 Finalist** among 700+ teams in the Aavishkar Project Competition organized by Mumbai University. Successfully developed a SHEild- Women Safety Application with IoT Device.

## EXTRA -CURRICULAR ACTIVITY

- Member of TPO in K.C College of Engineering and Management Studies and Research.
- Member of the Red Cross Committee in K.C. College of Engineering.