

AKASH REDDY B G

Full-Stack Dev Enthusiast | Mobile & Web Tech | Driven by Innovation & Impact

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EDUCATION

Visvesvaraya Technology University – Sri Sairam College of Engineering, Anekal, Bangalore

Bachelor of Engineering in Computer Science | Cumulative GPA:8/10 | Expected: 2026

Parimalam Metric Higher Secondary School

High School | Hosur, Tamil Nadu | Percentage: 78% | 2021-2022

PROJECTS

Project Title: Smart Car Parking System | Oct 2024

Technologies used: Arduino (C++), RFID, IR Sensors

Automated Car Parking System – Designed and programmed in C++ using the Arduino IDE. Developed an automated car parking system using Arduino microcontroller and RFID technology for secure and efficient vehicle entry and exit.

Project Title: App-Based Smart Gate Pass System | Jan 2025 – Present

Technologies used: React Native, Firebase Authentication, Firestore, Node.js, QR code

Developing a secure gate pass system with React Native, Firebase, and Node.js, enabling role-based logins and QR-based exit validation. Streamlines approvals and logs activity in real-time.

SKILLS

Software tools:

Programming Languages: C, C++, Python, SQL, JavaScript

Web & Mobile: HTML, CSS, React Native

Tools & platforms: Git, GitHub, Firebase, Arduino IDE, Excel

Languages:

Written & Oral: English, Tamil

Oral: Telugu, Kannada

CERTIFICATIONS

Time Management Fundamentals – *LinkedIn Learning*

Completed training on productivity techniques, task prioritization, and effective scheduling.

C++ Programming – *Skillsoft*

Certified in core concepts of C++ including object-oriented programming and problem-solving.

PUBLICATIONS

• *E-Waste Recycling in India: Strategies for Resource Recovery* – Published in *Sai Taranga Chemistry 2023*, Sri Sairam College of Engineering.

• *Smart Gate Pass System* – Presented at *Advaya 2k25*, Sri Sairam College of Engineering, highlighting system architecture and applications.

INTERESTS: Artificial Intelligence, Mobile App Development, Smart Systems, FinTech, Web Development, Digital Innovation, Emerging Technologies