

# PRANEETH G

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## OBJECTIVE

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Aspiring product developer with a focus on AI, IoT, Data Analytics, and Cloud technologies. Passionate about building scalable, user-centric solutions that address real-world challenges. Dedicated to continuous learning through hands-on projects and contributions.

## SKILLS

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Programming Languages:

**Python** (pandas, matplotlib, OOP, data analysis), **Java** (OOP, JDBC, JSP), **C** (basic programming), **SQL** (CRUD)

Frameworks & Tools:

**Flutter/Dart** (prompt-based mobile app prototyping), **Django** (template customization), **Streamlit**, **Supabase**, **ThingSpeak**, **GitHub**, **Figma**, **Kaggle**

Development Practices:

Bash scripting (via AI tools), Agile workflows, remote collaboration, AI-assisted prototyping

Currently Learning:

Advanced ML algorithms, **AWS**, **GCP**, scalable DB design

## EXPERIENCE

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### Project Intern

Dec 2024 – Nov 2025 (Ongoing)

Bloombuz Media Pvt. Ltd., Remote

- Developed cross-platform mobile applications using Flutter/Dart with responsive UI components and state management.
- Contributed to backend API integration and database operations, ensuring secure data storage and retrieval.
- Integrated IoT hardware modules for data capture and recognition workflows in field deployments.

### Data Analytics Intern

2024

CSRBOX via IBM SkillsBuild

- Processed and analyzed real-world datasets using Python pandas; created visualizations with matplotlib to highlight key insights.
- Prepared detailed analytical reports to support decision-making for social impact initiatives.

### Embedded AI & IoT Workshop Participant

2023

DigiToad Technologies Pvt. Ltd.

- Completed a 5-day STTP on designing and programming embedded AI systems using STM32 platforms and C.

## Events

2024-present

- Organizer and volunteer at FOSS Hack 2025, first FOSS Meetup, and Linux Install Fest under FOSS United Mysore Chapter.
- Coordinated Open Source Day and VVCE Open Day 2024.
- Represented Open Source Club, VVCE, at VVCE Open Day in 2024 and 2025.
- Participated in Flipkart GRiD 6.0, Google AI Jams (won goodies), and DevFest 2024.

## PROJECTS

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- **Smart Workspace Tracker (STM32 IoT):** IoT-based environmental monitoring system built with STM32-B-L4S5I-IOT01A Discovery Kit; programmed in C and integrated ThingSpeak for cloud visualization.
- **AI-Powered PDF Chatbot:** Natural language chatbot for querying PDF documents using Python, embeddings, and Streamlit (85% retrieval accuracy).
- **Scopus Research Scraper:** Automated Python scraper to extract and organize metadata from 500+ Scopus publications; processed with pandas for trend analysis.
- **Road Accident Data Analysis:** Statistical pattern recognition on road accident datasets using Python and matplotlib; generated actionable safety insights.
- **Personal Portfolio Website:** Customized Django template with HTML, CSS, and JavaScript for branding; integrated Supabase PostgreSQL to store portfolio data; deployed on Vercel.

## CERTIFICATIONS

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- Data Fundamentals – IBM SkillsBuild
- Project Management Fundamentals – IBM SkillsBuild
- Google AI Essentials
- Design of Embedded AI & IoT Systems – DigiToad Technologies & STMicroelectronics

## EDUCATION

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**B.E. in Computer Science & Engineering**, Vidyavardhaka College of Engineering, Mysuru      2023 – 2027  
Relevant Coursework: DSA, DBMS, OS, ML, Software Engineering, Computer Networks