

PRANAV C

JUNIOR PYTHON FULLSTACK DEVELOPER

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SUMMARY

Enthusiastic and detail-oriented Python Developer with a B.Sc. in Computer Science graduation, passionate about building efficient and scalable software solutions. Proficient in core Python programming, object-oriented concepts, and backend development using frameworks like Django and Flask. Skilled in database management, RESTful APIs, and version control systems like Git. Strong understanding of software development life cycle and eager to contribute to dynamic development teams. Quick learner with a problem-solving mindset and a commitment to continuous growth in the tech field.

TECHNICAL SKILLS

- **Languages:** Python, PHP,C, C++, JavaScript, SQL
- **Frameworks:** Django,Bootstrap,React
- **Tools:** GIT, MySQL
- **Soft Skills:** Communication,Adaptability, Collaboration, Time Management

WORK EXPERIENCE

FULL STACK PYTHON DEVELOPER (INTERNSHIP)

Luminar TechnoLabs 04/2025-10/2025

- **Full-Stack Web Development:** Built responsive web applications using Python (Django/Flask) and JavaScript, focusing on both frontend and backend functionality.
- **API Development Integration:** Created and consumed RESTful APIs to enable seamless communication between client and server systems.
- **Database Management:** Designed and managed relational (PostgreSQL, SQLite) and NoSQL (MongoDB) databases for structured data handling.
- **Version Control Collaboration:** Used Git and GitHub for source code management, collaborating on projects using branches, commits, and pull requests
- **Debugging Testing:** Identified and fixed bugs in both frontend and backend code; wrote unit tests to ensure code reliability and functionality.

PROJECTS

Women Safety Scream Alert App

The Women Safety Scream Alert App is a security-focused mobile application designed to provide quick and effective help in dangerous situations. It combines the power of Flutter for the front-end user interface and Python (with possible integrations like Flask or FastAPI) for the backend services.

- **Scream Detection:** The app continuously listens for a high-pitched scream or distress voice pattern using the device's microphone. When detected, it automatically triggers an emergency alert.
- **Emergency Contacts Notification:** Sends an SOS message and location details to pre-saved emergency contacts.
- **Live Location Tracking:** Real-time GPS tracking helps responders or loved ones locate the user quickly.
- **Silent Alert:** In case voice input isn't possible, a hidden tap gesture or button can silently send an alert.
- **Secure Backend:** Python handles backend operations like data management, alert triggers, and server communication.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE(2022-2025)

Majlis Arts and Science College (Autonomous),Valanchery,Kerala

CERTIFICATIONS

- Python Basic HackerRank - Aug,2025
- Problem Solving Basic HankerRank - Aug,2025
- SQL Basic HackerRank - Aug,2025