

Prem kumar G

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Career Objectives

Seeking a role as a Software Developer with skills in Python, SQL, and relevant frameworks. I look forward to utilizing my skills in database management, cloud services integration, and API integration to enhance scalability in software development. Eager to be part of impactful solutions and innovative projects, while continuously learning and adapting to emerging technologies in the software industry.

Skills

Programming Languages: Python, C, Java, SQL, JavaScript.

Frameworks: Django, Flask, NodeJS.

Databases: MySQL, MongoDB, SQLite.

Tools: Git, Gitlab, VS Code, Postman API, AWS (S3, Lambda, EC2).

Internship Experience

InnoByte Services **August 2024 – September 2024**

Python Developer Intern | **Remote** | Python | SQLite | Tkinter

- Build an application using core Python for logic and code optimization, which improves the processing 10% and using a lightweight built-in module SQLite database which manages data storage and retrieval.
- Implemented a GUI using Tkinter, mitigated a 5% decrease in user-reported issues, and also guided a remote team for clearing technical doubts to achieve application performance.

Projects

Criminal Identification System | [Source Code](#) | HTML, CSS, JavaScript, Bootstrap, Flask, MySQL

- Contributed a Flask-based application on FOSS Hackathon, utilizing machine learning and processing CCTV footage using OpenCV to detect face recognition, which increases efficient Security Access.
- Integrated user-friendly Authentication using the MySQL database for secure data search and real-time image processing and outcomes of 10% more secure and efficient to identify suspects and manage records.

Travel Assistant | [Source Code](#) | HTML, CSS, Bootstrap, Django, SQLite

- Developed a Django-based web application that facilitates house, pet, and elder care services, allowing users to appoint caretakers for their property, which enhances the user engagement process.
- Executed a user interface with Bootstrap and SQLite, resulting in 30% more user engagement enabling secure caretaker appointments, service management, and request tracking.

Education

Meenakshi College of Engineering	September 2023 - July 2025 (Expected)
Masters of Computer Applications	CGPA: 8.3/10
Guru Nanak College (Autonomous)	August 2020 - April 2023
BSc Computer Science	CGPA: 8.9/10

Certifications

- Postman API Student Expert – Certified in API development, testing, and integration.
- Cisco Certified Python Essentials – Cisco Networking Academy.