Deepthi Chowla

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Summary

Highly motivated **Python Full Stack Developer** with expertise in designing, developing, and deploying web applications. Proficient in **Python, Django, MySQL, JavaScript, and PHP** with a strong foundation in backend and frontend development. Skilled in optimizing database queries and delivering user-friendly interfaces. Recognized for strong **problem-solving**, debugging, and analytical skills with hands-on experience in real-time academic and internship projects. Passionate about exploring **AI-powered tools**, cloud technologies, and continuous learning to drive innovation and productivity.

Experience

Python Full Stack Developer Trainee, Palle Technologies – Bangalore
- Designed and developed scalable applications using **Python and Django**.
- Built and tested backend modules with **MySQL** integration for high-performance data management.
- Implemented responsive front-end features using **HTML, CSS, and JavaScript**.
- Collaborated in agile teams for code reviews, debugging, and deployment.

Application Development Intern, Rooman Technologies – Anantapur
- Trained in full-stack web technologies including **HTML, CSS, JavaScript, and PHP**.
- Acquired hands-on experience with **MySQL and Oracle SQL** for database modeling, queries, and CRUD operations.
- Gained foundational knowledge in **Java programming** and implemented academic-level projects.
- Contributed to dynamic form development, database-driven applications, and UI enhancements.

Education

B.Tech in Computer Science Engineering, Sri Venkateshwara Institute of Technology – 82%
Intermediate (MPC), SLN Junior College – 84%
SSC, AP Model School – 8.2 CGPA

Projects

Weather App | Python, OpenWeather API
• Developed a Python-based weather application to fetch and display real-time weather details (temperature, humidity, and conditions).
• Integrated OpenWeather API with secure key handling using .env and presented data in a clean, user-friendly format.

Student Management System | Python, Django, MySQL
- Built and deployed a full-stack system for managing **student records, attendance, and grading**.
- Implemented secure **user authentication, authorization, and CRUD operations**.

E-Commerce Website | PHP, MySQL
- Engineered an e-commerce platform with **product catalog, shopping cart, checkout system, and order tracking**.
- Optimized SQL queries to improve data retrieval speed and maintain database integrity.

Technical Skills

Languages: Python, Java (Basics), PHP, HTML, CSS, JavaScript

Databases: MySQL, Oracle SQL

Frameworks: Django
Libraries: NumPy, Pandas, Matplotlib

Version Control: Git, GitHub

Tech Hobbies

- Exploring and experimenting with **AI tools** for coding, testing, and productivity.
- Learning modern cloud technologies, deployment pipelines, and containerization concepts.
- Participating in **hackathons, coding challenges, and open-source contributions**.

Certifications

- **Python Full Stack Development** – Certified in frontend, backend, and database technologies for building end-to-end web applications.

- **SQL (Structured Query Language)** – Certified in database design, querying, joins, constraints, and optimization techniques.