NIMITHA

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Summary

Motivated Python developer with hands-on experience in Django, backend development, and SQL databases. Skilled in building scalable web applications, writing clean and maintainable code, and using Git/GitHub for version control. Eager to contribute, learn, and solve real-world problems through practical software development.

Education

B.E – Electronics and Communication Engineering　　　　　　　　　　　　　**2021 – 2025**
SNS College of Technology, Coimbatore　　　　　　　　　　　　　　　　　　*CGPA: 8.68 / 10*

Higher Secondary Certificate (HSC)　　　　　　　　　　　　　　　　　　**2020 – 2021**
Kongu Matric Higher Secondary School　　　　　　　　　　　　　　　　　　*Percentage: 89%*

Secondary School Leaving Certificate (SSLC)　　　　　　　　　　　　　　**2017 – 2018**
Kongu Matric Higher Secondary School　　　　　　　　　　　　　　　　　　*Percentage: 84%*

Skills

Programming: Python
Web Technologies: HTML, CSS
Frameworks: Django
Database: SQL (MySQL)
Tools: Git, GitHub, Microsoft Excel

Projects

Machine Learning and IoT Framework for Greenhouse Condition Management | Python, ML, IoT　　**Apr 2025**
– Developed a Python-based IoT system to monitor and control greenhouse temperature, humidity, and soil conditions in real-time.
– Applied machine learning techniques for plant disease detection and automated alerts to improve crop monitoring efficiency.

Project Management Portal | Django　　　　　　　　　　　　　　　　　　**Jan 2025**
– Built a Django web application with login/logout authentication to upload and manage project details with external links.
– Implemented search functionality, form validation, and flash messages while following clean code and MVC principles.

Internship

Automation Intern　　　　　　　　　　　　　　　　　　　　　　　　　　**Jun 2023**
ALT X Electronics　　　　　　　　　　　　　　　　　　　　　*PLC, Industrial Automation*
– Gained hands-on experience in PLC programming and industrial automation to optimize manufacturing processes.

Python Front-End Intern　　　　　　　　　　　　　　　　　　　　　　　**Jul 2024**
My Altitude Pvt Ltd　　　　　　　　　　　　　　　　　　　　　　*Python, HTML, CSS*
– Developed responsive web pages using HTML and CSS with Python-based backend integration.
– Practiced debugging, clean coding standards, and version control using Git.

Certifications

• Design Thinking – IBM　　　　　　　　　　　　　　　　　　　　　　　　**Mar 2022**
• Python – PrepInsta　　　　　　　　　　　　　　　　　　　　　　　　　　**Aug 2023**
• Industry 4.0 IIoT – NPTEL (Elite)　　　　　　　　　　　　　　　　　　　**May 2024**
• SQL – PrepInsta　　　　　　　　　　　　　　　　　　　　　　　　　　　**May 2024**