

# HARINI M

## Python Developer | AWS Cloud Learner

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### Summary

Aspiring **Cloud Engineer & Python Developer** with hands-on experience in developing **real-time AI detection systems** and **Django-based web applications**. Strong knowledge of **Python, Django, MySQL**, and growing expertise in **AWS cloud services**. Passionate about building scalable, secure, and user-friendly applications.

### Education

<b>BE(ECE)</b> K.L.N College of Engineering 7.6 CGPA	08/2021 – 04/2025
<b>HSC</b> St.Joseph's Girls Higher Secondary School, Madurai. 87.1%	06/2020 – 04/2021
<b>SSLC</b> St.Joseph's Girls Higher Secondary School, Madurai. 83.2%	06/2018 – 03/2019

### Projects

#### Portfolio Website

Built a responsive portfolio site using Django, HTML, and CSS to present projects and education. Integrated an admin dashboard for easy content management and deployed it on AWS free tier services (EC2 and S3) to explore basic cloud deployment.

#### Smart Vehicle Rental System

A Django-based system was developed to manage vehicles, rentals, and customers, using OOP concepts with file and database storage for efficient data handling. It includes a secure user login system, a user-friendly HTML/CSS frontend, and features like vehicle filtering, searching, and rental discounts to enhance usability and streamline the process.

#### Real-Time Bird Detection and Tracking System (YOLOv9 + DeepSORT)

A Django-based vehicle rental system was developed using OOP concepts with file and database storage for efficient data management. It includes a secure user login system, a clean HTML/CSS frontend, and features like vehicle filtering, search, and rental discounts to enhance usability and streamline the rental process.

### Work Experience

<b>Hackup Technology</b> Web Penetration Testing Intern	Coimbatore
<ul style="list-style-type: none"><li>Conducted <b>web application penetration testing</b>, identifying vulnerabilities (SQLi, XSS, CSRF).</li><li>Developed <b>Python scripts</b> to automate testing and scanning.</li><li>Strengthened knowledge of <b>secure coding practices</b>.</li></ul>	

### Technical Skills

<b>Languages</b> Python, C	<b>Web Development</b> Django, HTML, CSS	<b>Database</b> MySQL
<b>Tools</b> Git, GitHub	<b>Cloud</b> AWS (EC2, S3, IAM, RDS )	

### Certifications

- Python Essential Training - LinkedIn Learning
- AWS Cloud Practitioner Essentials – AWS Training & Certification