

KUMARAN M

Full Stack Developer with Machine Learning

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Summary

Aspiring Full Stack Developer and Machine Learning Engineer with hands-on experience in building end-to-end web applications using HTML, CSS, JavaScript, PHP, Python, Flask, and MySQL. Skilled in integrating Machine Learning models into real-world applications for intelligent decision-making and data-driven solutions.

Experience

Intern — DCE Technology May 2024 – Jun 2024

- Designed responsive user interfaces using HTML, CSS, and JavaScript
- Assisted in backend development and MySQL database integration
- Gained hands-on experience in full-stack development workflows
- Collaborated with team members to deliver real-world web solutions

Projects

Farm2Society — Farmer to Consumer Platform

- Developed a full-stack platform connecting farmers and consumers
- Implemented role-based dashboards, order management, and stock tracking
- Integrated Groq AI chatbot for pricing and availability queries
- Tech: HTML, CSS, JavaScript, PHP, MySQL

Diabetes Prediction Web Application

- Built ML-powered web app using Flask and Python
- Implemented prediction, authentication, and history storage
- Tech: Flask, Python, HTML, CSS, MySQL

Train Ticket Reservation System

- Java-based system with booking, cancellation, and seat management
- Integrated MySQL database for users, bookings, and schedules
- Developed admin panel for reporting and management

Education

M.Sc. Information Technology

2025 – Present
Sri Krishna Arts and Science College,
Coimbatore

B.Sc. Information Technology

2022 – 2025
V.H.N.S.N College, Virudhunagar

Technical Skills

Languages: HTML, CSS, JavaScript, PHP, Java, Python

Frameworks: Flask, ML

Databases: MySQL

Platforms: Red Hat Linux

Tools: GitHub, VS Code, WAMP Server

Other: AI Agents, Kotlin, Photo-shop

Certifications

- Red Hat System Administration I (RH124)
- AI Agents Intensive Course — Google (Kaggle)
- RPA with UiPath
- Google IT Automation with Python

Key Achievements

- Winner — InnovateX Sprint Hackathon
- Selected — Smart India Hackathon (Internal Round)
- Research Paper Presentation — *Diabetes Prediction*
- Flask Workshop Instructor — ANJA & American College