

Devarajan M A

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PROFILE SUMMARY

Passionate about building web applications and AI/ML solutions. Experienced in developing scalable projects, including a recommendation system and web applications, through internships and academic projects. Strong foundation in Python, LLMs, and data-driven development, complemented by NCC-certified leadership and achievements in coding and web design competitions.

EDUCATION

Master of Computer Applications (CGPA: 9.04)	Aug 2024 - May 2026
Mar Athanasius College of Engineering, Kerala	
Bachelor of Science in Computer Science (CGPA: 8.28)	Oct 2021 – May 2024
Union Christian College, Mahatma Gandhi University	
Higher Secondary Education (Computer Science) (Percentage: 96)	Jul 2019 – Apr 2021
Vidyadhiraja Vidyabhavan, Kerala	
Secondary Education (CBSE) (Percentage: 89)	Year of Passing: 2019
Sivagiri Vidyaniketan Senior Secondary School, Kerala	

SKILLS

Technical Skills

Category	Skills
Programming Languages	Python, C++, C
Web Technologies	Node.js, Express, HTML, CSS, PHP, JavaScript
AI/ML	Pandas, NumPy, Scikit-learn, Matplotlib, LLMs, Generative AI
Databases	MongoDB, MySQL
Tools	Github, Jupyter, VS Code, Figma, Anaconda, IntelliJ

Soft Skills

Communication, Teamwork, Adaptability, Creativity, Leadership

INTERNSHIPS

Data Science Intern	Techmaghi / Jun 2025 – Aug 2025
<ul style="list-style-type: none">Performed data preprocessing, EDA, and feature engineering to extract key insights.Deployed and evaluated ML models using logistic regression, decision trees, and ensemble methods.Supported a technical workshop on emerging tech and interdisciplinary tools.	
AI Intern	XTG Technologies / Apr 2024 – Aug 2024
<ul style="list-style-type: none">Enhanced a recommendation system by identifying and optimizing frequent user behavior patterns.Researched and experimented with multiple approaches to improve the accuracy and efficiency of pattern mining.Contributed to NLP projects focused on text extraction, classification, and automated content generation.Optimized a recommendation system using LLaMA-based enhancements, improving accuracy of user behavior predictions and boosting engagement.	

PROJECTS

Department Project Management System GitHub

- Built a collaborative project management system with task assignment, file sharing, and progress tracking features tailored for departmental use.
- Secured the platform with role-based authentication to control access and streamline team workflows.
- Enabled real-time status updates and automated report generation to reduce manual work and support data-driven decision-making.

Tech Stack: Node.js, Express, Handlebars, MySQL

JobVia – Service Provider Portal GitHub

- Created a service portal that connects users with verified providers across various categories, enhancing service accessibility and trust.
- Engineered core modules such as user authentication, searchable service listings, and a review system to ensure a seamless user experience.
- Implemented an admin dashboard for real-time user management, service moderation, and platform oversight.

Tech Stack: PHP, MySQL

Plant Disease Detector GitHub

- Developed an AI-powered web application that detects plant diseases from uploaded images using Google Gemini 1.5 Flash API, providing instant diagnosis and treatment suggestions.
- Designed a sleek, responsive UI with dark mode support using Streamlit and custom CSS, enhancing accessibility and user engagement across devices.

Tech Stack: Streamlit, Google Gemini 1.5 Flash API, Python

PUBLICATION

Smart White Cane for Visually Impaired People Using IoT

- Presented at the *National Conference on Big Data Analysis for Computational Social Science*, MES College Marampally, Kerala, India, November 5-6, 2024.

CERTIFICATIONS

- Blockchain and its Applications - **NPTEL (2025)**
- Postman API Fundamentals Student Expert - **Postman (2025)**
- Generative AI Certified Professional - **Oracle (2024)**
- Machine Learning Specialization - **DeepLearning.AI & Stanford (2024)**
- Responsive Web Design using JavaScript - **FreeCodeCamp (2023)**
- Python and Computer Vision - **Google Developers Group, Microsoft Learn, DevTown (2023)**

HONORS & AWARDS

- 1st Prize – Web Cloning Competition, SCMS College of Engineering
- 3rd Prize – Coding Competition (C++/Java), Rajagiri College
- Participant – IEDC Summit 2023, Kerala Start-up Mission

LEADERSHIP & VOLUNTEERING

- **National Cadet Corps** Cadet Leader (C-Certificate) at college
- Volunteer at 8th Organic Farmers National Convention by OFAI, Kerala