

# Devarajan M A

📍 Kochi, Kerala, India    ✉ devarajanma399@gmail.com    ☎ +91 75949 00620  
in linkedin.com/in/devarajanma    🐙 github.com/devarajma

## 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

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

## 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

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

## PROJECTS

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### 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

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### 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

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- 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

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- 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

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