

SARVAN D SUVARNA

Udupi, Karnataka

+91 8618827357

sharvansuvarna12@gmail.com

Sarvan Suvarna

Sarvan-12

Sarvan12

Looking for an opportunity to learn, grow, and apply my programming and problem-solving skills in a real-time work environment.

Education

Shri Madhwa Vadiraja Institute of Technology and Management (VTU)

Sep 2022 - July 2026

Bachelor of Engineering in Artificial Intelligence and Data Science (CGPA of 8.64)

Karnataka, India

Internship Experience

Software Engineering Intern - Unicourt India Pvt. Ltd.

Sep 2025 - Nov 2025

- Integrated an AdminJS Audit Log system to track dashboard actions and terminal-based database queries (insert/update/delete), capturing admin identity, data changes, and timestamps for complete audit visibility.
- Enhanced data transparency and accountability by enabling full traceability of admin actions across UI and terminal commands, improving security, and maintaining comprehensive audit records.

Software Engineering Intern - AI Logics

Aug 2025 - Sep 2025

- Built Summit Hub, a full-stack conference management platform with speaker registration, scheduling, file uploads, and admin controls using HTML, CSS, JavaScript, Node.js, MySQL, and Multer.
- Streamlined event coordination with speaker dashboards, public schedules, and an admin panel, reducing file loss, confusion, and scheduling conflicts.

Projects

Land Use Land Cover using U-Net | Python, U-Net, Dash |

- Developed satellite image classification pipeline processing 30 years of TIFF data (1994-2023), implementing custom preprocessing scripts for 256×256 tiling and training a U-Net model, achieving high accuracy for pixel-level land cover segmentation across multiple regions.
- Built an interactive web dashboard using Dash/Plotly for temporal analysis and trend visualization, enabling stakeholders to explore land-use transformation patterns and quantify environmental changes over three decades.

AI Code Reviewer | React, Node.js, Express, MongoDB, Groq API |

- Developed a full-stack AI reviewer using the MERN stack and Groq API to deliver instant, structured feedback on bugs and performance, including automated refactoring and persistent history tracking.
- Engineered a premium Glassmorphism-based interface featuring a real-time syntax-highlighted editor and a dashboard for side-by-side comparison of original versus AI-improved code transformations.

Technical Skills

Programming Languages: Java, Python, C, HTML, CSS, JavaScript.

Databases: MySQL, MongoDB.

Tools & Frameworks: VS Code, Git/ GitHub, Docker.

Core Concepts: Data Structures & Algorithms (Intermediate), Machine Learning (Basics).

Achievements

- SAP Hackfest 2025** - Secured position among the top **400** teams (top **10%**) from **4,000** participants in the Regional Round (July 2025).
- PRIMED: The Placement Hackathon** - Winner at IEEE Mangalore Sub-Section competition, AJIET Mangaluru (May 2025).
- All India Rank **239** - GeeksforGeeks Weekly Contest 203 (April 2025).
- Highest Ratings: GeeksforGeeks - **1668 (3★)**, LeetCode - **1515**.
- Solved **250+** Data Structures and Algorithms problems on LeetCode and GeeksforGeeks.

Certifications & Online Courses

- Python for Data Science - **NPTEL SWAYAM** (IIT Madras).
Elite + Gold Certificate | Top **1%** Rank | Score: **90%** | Completed: April 2025.
- Programming with Generative AI - **NPTEL SWAYAM** (IISc Bangalore) | Completed: Oct 2025.
- Artificial Intelligence Internship** - Internship Studio (Online).
Completed hands-on training in Python-based AI models and machine learning fundamentals.

Activities & Interests

- Solved 350+ coding challenges across LeetCode, CodeChef, and GeeksforGeeks platforms. Enjoy playing chess (ELO ~1400) and complex algorithmic puzzles.