

SHARANSIDH J R

Software Developer

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Education

IFET College Of Engineering - Villupuram, Tamil Nadu

Bachelor of Engineering in Electronics And Communication Engineering (Hons)

Nov. 2022 – May 2026

CGPA - 8.2/10

Internship Experience

Altruistry

Python Full Stack Development (Remote)

Jan 2025 – Mar 2025

Chennai, TamilNadu

- Collaborated with a team to develop and enhance the DARE platform, integrating quiz-based and IDE-driven challenges for real-time debugging.
- Optimized backend performance using Django, improving system response time by 35%, while refining UI responsiveness with Tailwind CSS.

Layercodes - A Software Company

Web Development and Web Hosting Intern (On-site)

July 2024 – August 2024

Villupuram, Tamil Nadu

- Worked with a team to design and implement a responsive restaurant website, ensuring seamless navigation, structured menu presentation, and location.
- Enhanced website efficiency using HTML, CSS, and media queries, improving mobile adaptability, reducing page load time by 35%, and gaining valuable insights into digital marketing techniques.

Projects

Online Problem Solving Hub | *Django, Tailwind, Python, HTML, CSS, Javascript*

February 2025

- Enhanced UI responsiveness with Tailwind CSS, leading to a smoother user experience.
- Increased user engagement by 40% by refining interactive challenges and real-time debugging features.
- Reduced server load by 30% through efficient query handling and caching strategies.
- Improved code execution speed by 25% by optimizing the IDE integration process.

Personal Portfolio | *React.js, Tailwind CSS, Vite.js, Vercel*

June 2025

- Developed a responsive portfolio using React.js with reusable components and modular design.
- Optimized load speed by 40% with performance-focused rendering and image handling.
- Deployed seamlessly on Vercel with continuous integration for fast and reliable access.
- Integrated dark mode, smooth animations, and a mobile-friendly UI for enhanced UX.

Technical Skills

Languages: Python, Java **Web Technologies:** HTML, CSS, Javascript **Frameworks:** Django, React, Bootstrap, Tailwind **Developer Tools:** VS Code, Eclipse, Jupyter Notebook, **DataBase:** MySQL (SQL), MongoDB (NoSQL) **Technologies:** Git/Github, Node.js, RESTful API **Knowledge Areas:** Fundamentals Of AI/ML, Neural Networks, Networking

Certifications

- Cisco Networking
- Microsoft Excel
- SQL Basics

Relevant Coursework

- Data Structures
- Six Sigma Awareness
- Internet of Things
- Problem Solving
- PC Building

Achievements

- **Finalist :** Smart India Hackathon 2025 (Top 1,028 teams out of 50,000+ participants)
- **1st Prize – Paper Presentation :** National-Level Technical Symposium at Mailam Engineering College.
- **3rd Prize – Paper Presentation :** National-Level Technical Symposium at Velammal College of Engineering.

Responsibilities

- **Class Representative (1st Year)** – Represented and coordinated academic activities for the class.
- **Industrial Visit (IV) Coordinator** – Organized and managed industrial visits for the department.