

SHARANSIDH J R

Software Developer



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Linkedin



Github

Education

IFET College Of Engineering - Villupuram, Tamil Nadu

Nov. 2022 – May 2026

Bachelor of Engineering in Electronics And Communication Engineering

CGPA - 8.2/10

Internship Experience

Altruisty

Jan 2025 – Mar 2025

Python Full Stack Development (Remote)

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

July 2024 – August 2024

Web Development and Web Hosting Intern (On-site)

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.

ATM Machine Application | Java, Eclipse

November 2025

- Developed a console-based ATM system with features like Deposit, Withdraw, View Mini Statement, Check Balance, and Exit. Applied OOP principles for secure transaction handling.
- Designed a modular structure, ensuring scalability and easy maintenance. Optimized balance inquiries and transaction logs, reducing processing time by 30%.

Technical Skills

Languages: Core Python, Core Java **Web Technologies:** HTML, CSS, Javascript, **Frameworks:** Django, 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, Concepts of Blockchain, Digital Marketing

Certifications

- Cisco Networking
- Microsoft Excel
- SQL Basics

Relevant Coursework

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

Achievements

- **Smart India Hackathon Finalist :** Selected among 1,028 teams from 50,000+ participants for the Grand Finale (Hardware Edition) in Noida, New Delhi.
- **First Prize – Paper Presentation :** Awarded 1st prize in a National-Level Technical Symposium at Mailam Engineering College, Mailam.
- **Third Prize – Paper Presentation :** Awarded 3rd place in a National-Level Technical Symposium at Velammal College of Engineering, Ambattur. .

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.