SHARANSIDH J R

Software Developer

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Education

IFET College Of Engineering - Villupuram, Tamil Nadu   **Nov. 2022 – May 2026**
Bachelor of Engineering in Electronics And Communication Engineering (Hons)   *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: 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, Concepts of Blockchain, Digital Marketing

Certifications

- Cisco Networking
- Microsoft Excel
- SQL Basics

Relevant Coursework

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

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.