KAVYA SREE A

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About Me

Passionate Frontend Developer and aspiring Software Engineer with strong skills in web development and a keen interest in Machine Learning. Experienced in building responsive, user-centric applications and solving real-world problems using modern technologies.

Education

Bharath Senior Secondary School CBSE - 12th Grade	June 2023- April - 2024
St.Joseph's College Of Engineering , B.E Computer Science And Engineering	Aug 2024 – May 2028

Experience

Frontend Developer Intern, Maxwin Multitec Solutions : On-Site ,Chennai TamilNadu — June 2025 - July 2025

- Developed a responsive product website, improving load time by 30 percent and enhancing user experience.
- Built a responsive web application with HTML, CSS, and JavaScript, integrating Python for backend functionality.
- Deployed and hosted the website on the company's official domain.

Projects

CrimeTrix – Real-time Prediction Crime Analysis — Mar 2025 - Apr 2025

- Built a data-driven crime analysis platform enabling pattern detection, hotspot visualization, suspect risk profiling, network-based relationship analysis, and predictive insights to support proactive law enforcement decisions.
- Tools Used: Neo4j , Scikit -learn , Python , JS

Alchemy Digital Twin – LCA visualization Platform — Oct 2025 - Dec 2025

- Built a full-stack 3D Aluminium Digital Twin implementing India-standard (IS 5047, IS 12592, IS 12593, IS 5484) compliant mass-flow, waste, and circularity (MCI) calculations using NALCO/Hindalco benchmarks and NITI Aayog guidelines.
- Tools Used: Node.js, Express.js, Babylon.js, JavaScript, HTML/CSS, Industry Standards Modeling

Technologies

Languages: C, Java, Python, SQL, JavaScript
Frameworks and Tools: React, Node.js, TensorFlow, PyTorch, Scikit-Learn, Selenium, Git, Docker, Streamlit
Data Science and ML: NLP, NLTK, SpaCy, LSTM, Random Forest, SVM, XGBoost, Matplotlib, QGIS
Web Development: HTML , CSS , Tailwind

Achievements

- Winner of **Smart India Hackathon 2025**
- First Runner-Up at **CodHer'25** – Won 12,000 among 750+ teams nationwide