

CHANDINI SRI MOUNIKA VISSAMSETTI

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SUMMARY

Motivated software engineer with experience in Java, C, C++, and Python. Specializes in code optimization and front-end development, crafting user-friendly interfaces that bridge design and functionality for exceptional user experiences. Proficient in the software development lifecycle and agile methodologies, with a proven track record of success from concept to deployment. Known for collaboration, adaptability, and delivering high-quality solutions.

WORK EXPERIENCE

SRM AP University, Amaravathi, Guntur: RESEARCH INTERN Jan 2025 - present

As a research intern, I am currently working on an Interdisciplinary project (IDP) focused on rainfall prediction using machine learning. My work involves data collection, preprocessing, and feature engineering to improve model performance. I am implementing and optimising machine learning algorithms, including regression models and deep learning techniques, to enhance forecast accuracy. Additionally, I am fine-tuning hyperparameters and evaluating model performance using statistical metrics.

Front-end Development: INTERN June 2024- July 2024

- Developed user-friendly and responsive web interfaces, focusing on seamless user experiences.
 - Optimized website performance by refining UI components and improving loading speeds.
 - Integrated interactive elements to enhance usability and engagement.
- Strengthened proficiency in HTML, CSS, JavaScript, and modern front-end frameworks. Improved ability to bridge design and functionality effectively, ensuring high-quality web solutions.

PROJECTS

Cooperative Localization Using Kalman Filter (Interdisciplinary Project) [Link to Demo](#)

Developed a localization model for robotic systems in GNSS-denied environments using Kalman Filtering. Implemented sensor fusion techniques to improve positional accuracy. Simulated results in MATLAB and Python for better visualization and performance evaluation.

Web Development [Link to Demo](#)

Created a dynamic web portfolio to showcase technical skills and projects using HTML, CSS, and JavaScript. Implemented responsive design techniques to ensure compatibility across devices. Incorporated interactive elements and animations for an enhanced user experience.

EDUCATION

2022 - 2026	Bachelor's Degree at SRM UNIVERSITY AP	(GPA: 7.76/10.0)
2022	Class 12th at Sri Chaitanya Junior College	(75.5/100.0)
2020	Class 10th at Sri Chaitanya Techno Schools	(98.5/100.0)

SKILLS

Technical Skills	C, C++, Python, Front-end (HTML, CSS, JavaScript), Back-end (Node.js, PHP).
Soft Skills	Communication, Adaptability, Problem-solving, Teamwork.
Databases	MongoDB, MySQL, Cloud Databases.
Microsoft Office Suite	Word, Excel, PowerPoint, Outlook.