

RAVALI MADDELA

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EDUCATION

Master of Science in Computer Science	April 2025
Saint Louis University – St Louis, MO	GPA: 3.77/4.00
Bachelor of Technology (ECE)	September 2020
CMR College of Engineering and Technology – Hyderabad, Telangana, India	GPA: 8.55/10.00

EXPERIENCE

CREST COMMUNITY SCHOLARS PROGRAM Participant	June 2024 - present
<ul style="list-style-type: none">Completed a two-week intensive QGIS course on geospatial analysis and mapping.Acquired raster and vector analysis skills, geocoding, and cartographic design skills.Working on a project titled "Mapping the Margins: Visualizing Unequal Climate Impacts on Underserved Neighborhoods."	
EXCELERATE HACKQUEST Project Management Intern	Jan 2024 -Feb 2024
<ul style="list-style-type: none">Led end-to-end planning and execution of a global 48-hour virtual hackathon with 500+ participants.Implemented Kanban boards and Gantt charts in Trello for visual task management and workflow automation.Developed robust quality control framework for seamless participant experience.	
COGNIZANT TECHNOLOGY SOLUTIONS Associate Full Stack Developer	Dec 2020 - May 2023
Hyderabad, Telangana, India	
<ul style="list-style-type: none">Developed and implemented frontend UI components using React.js, Redux, and Node.js to design highly responsive and optimized user interfaces.Collaborated with cross-functional teams of developers and designers to build customer-facing UIs and internal APIs.Diagnosed and troubleshooted interface software issues efficiently, debugging codes and ensuring optimal database performance.	

PROJECTS

GOFUNDEASE (Crowd Funding Web application)	May 2024 – June 2024
<ul style="list-style-type: none">Developed a digital fundraising platform that simplifies campaign creation, and secure donation processing using technologies like Node.js, MongoDB, and Stripe API.Enhanced user experience and ensured robust security for diverse fundraising needs.	
SAINT LOUIS UNIVERSITY Global Grad Scholars Project STL Village Website Enhancement	Feb 2024 – April 2024
<ul style="list-style-type: none">Upgrade the Wordpress website for user-friendliness and accessibility, catering to older adults.Integrate Google Analytics and social media tools for enhanced outreach.	
SHOOTING STAR (Hackathon – {eHacks})	April 2024
<ul style="list-style-type: none">Developed a machine-learning model to identify the constellation of starsUsed Stellarium for the dataset, and trained Alexnet. And used streamlit to showcase the model through a website	
Cheers Store (E-Commerce Website)	2022
<ul style="list-style-type: none">Developed a fully functional e-commerce platform using React and Redux.Implemented features like product browsing with sorting/filtering, search, shopping cart with quantity adjustments, and checkout.	
Online Book Store (Web Application)	2021
<ul style="list-style-type: none">Built a secure web app with user authentication and authorization for book purchases.Designed dynamic product pages with detailed information and "add to cart" functionality.Created a user-friendly cart and checkout system with book removal and payment processing.	

SKILLS

<ul style="list-style-type: none">Programming Languages: Python, Java, SQL, OOP, C, Data Structures & AlgorithmsTechnologies:<ul style="list-style-type: none">Frontend: HTML, CSS, SCSS, JSON, Bootstrap, React-Bootstrap, Semantic UI, Material UI, Responsive Web Design, JavaScript, React JS, Redux, Redux ToolkitBackend: Mongo DB, Mongoose, Express, Node JS, Power BI, Spark.Software & Tools: Git, Visual Studio Code, Postman, WordPress, Docker, Circle CiMachine Learning.	
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ACADEMIC ACTIVITIES

<ul style="list-style-type: none">Attended CREST workshop on geospatial analysis in QGIS.Presented at National-level Geospatial Resolution with AI ConferenceAttended {eHacks}, a 36-hour hackathon at T-Rex Innovation Center in St. Louis, and won the "Best Use of AI" award for the project "Shooting Star."	2023
	2024

VOLUNTEER EXPERIENCE

<ul style="list-style-type: none">Filament's Thinks Giving EventAPCE Annual Christian Education Conference, assisting over 800 attendees.	2023
	2024

ADDITIONAL SKILLS & QUALITIES

- Motivated team leader and Enthusiastic team player
- Ability to thrive in a fast-paced environment