TRINADH MUSUNURI

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SUMMARY

Eager Full Stack Web Developer with a strong foundation in modern web technologies (ReactJS, Node.js) and a passion for integrating emerging AI solutions. Skilled in end-to-end development and team collaboration, with a focus on building scalable and efficient applications.

EDUCATION

Master of Science in Computer Science   Expected May 2027
Central Michigan University   Pursuing
College of Science and Engineering
Relevant coursework: Advanced Algorithms, Machine Learning, Artificial Intelligence (planned).

B.Tech in Information Technology   Graduated May 2025
Jawaharlal Nehru Technological University, Kakinada   7.71/10 CGPA
Sir C R Reddy College Of Engineering
Relevant coursework: Data Structures, Web Development, Cloud Computing, Programming Languages.

TECHNICAL SKILLS

Design Tools: Figma **Frontend Technologies:** HTML, CSS, JavaScript, Bootstrap 5, React JS **Backend Technologies:** PHP, Node.js **Programming Languages:** Python, Java, JavaScript, C **Database Management:** MySQL, MongoDB **Hosting & Deployment:** AWS, Git, Netlify, Automation **APIs & Data Formats:** RESTful APIs, JSON **Soft Skills:** Cross-functional collaboration, end-to-end project management, problem-solving, communication.

CERTIFICATIONS

Generative AI by Google Cloud   Nov 2024
Leveraged Vertex AI to deploy scalable machine learning models, reducing AI workflow time by 30%.

AWS Cloud Technical Essentials   Nov 2023
Designed efficient cloud solutions using EC2, S3, and RDS, enhancing application reliability by 20%.

PROFESSIONAL EXPERIENCE

LST Bill Generator, Remote: Full Stack Developer   Jan 2024
  • Built a web app for bill generation using PHP; improved data retrieval and operational time by 15%.

Data Analysis Web App, Remote: Full Stack Developer   Mar 2024
  • Developed a Python-based data analysis web app, optimizing query performance by 20%.

ACADEMIC PROJECTS

M-Sum-PAI: Performance-Aware Multimodal Summarization AI   May 2025
Designed an AI system to summarize text, audio, video, and PDFs using Gemini 2.5 Flash and AssemblyAI, delivering clean, structured summaries in paragraph and bullet formats. **Tech Stack:** React.js, Node.js, Express, Python, AssemblyAI API, Gemini 2.5 Flash API. **Project Link:** transcripto-ai.netlify.app

StudentRequestHub   Nov 2023
Developed an E-permission web app for students to submit and manage various requests online, improving communication flow. **Tech Stack:** HTML, CSS, PHP, MySQL.

ACTIVITIES

Hackathon at Seshadri Rao Gudlavalleru Engineering College   Nov 2023
Participated in a 24-hour hackathon with 250 members, showcasing problem-solving and teamwork skills.

Department Project Expo Competition (2nd Year)   2022
Won 1st place in the department project expo competition, demonstrating innovative project development and presentation skills.

Coding Competition   2022
Secured 1st place in a coding competition, showcasing problem-solving abilities and proficiency in programming.