Mylapalli Madhu

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Career Objective

Motivated Web Developer with a strong foundation in MERN stack, backend systems, and AI-driven applications. Seeking to apply cloud and full-stack development skills to build impactful, scalable software solutions.

Education

GMR Institute of Technology, B.Tech in Computer Science; GPA: 8.82 2022 – Present
Sri Chaitanya Junior College, Intermediate; Score: 845/1000 2020 – 2022
Ravindra Public School, SSC; Score: 595/600 2019 – 2020

Internship

AWS Cloud Intern, Hashtek Solutions, Visakhapatnam *Jun – Jul 2024*
- Deployed a web app on EC2, stored files in S3, and used IAM for secure role-based access control.
- Set up scalable EC2 instances with load balancer and configured VPC with NAT and route tables.
- Delivered a cloud demo using CloudWatch, auto-scaling, and cost-efficient architecture design.

Projects

AI Image Generator HTML, CSS, JS
- Built an AI-style canvas drawing tool with real-time dynamic rendering.
- Added sliders and control panels for parameter adjustments.
- GitHub: AI Image Generator

Portfolio Websites HTML, CSS, JS | React.js
- Created two responsive portfolio websites — one in HTML/CSS/JS and one in React.js.
- HTML/CSS: Live, GitHub, GitHub Pages
- React: Live, GitHub

Email OTP Verification Java Script
- Built a backend system for email OTP verification using Node.js and Express.
- Used Nodemailer to send OTPs to user emails securely and efficiently.
- Implemented basic auth and verification logic to validate user identity.
- GitHub: email-otp-verification

AI Mock Interview Platform MERN Stack
- Created full-stack app for conducting mock interviews.
- Integrated WebRTC and MediaRecorder for real-time video/audio.
- Used Whisper AI and Groq API for evaluating grammar and confidence.
- GitHub: AI powered Interview

Skills

Languages: Python, C, C++, Java
Web Development: Frontend, MERN Stack, AngularJS, Django
Databases: MongoDB, MySQL
Tools: Git, GitHub, Netlify, Vercel
Cloud: AWS (EC2, S3, IAM)

Certifications

Python (HackerRank, Apr 2024), AWS Internship (Jul 2024), Git/GitHub (IBM, Feb 2025), HTML/CSS/JS (IBM, Feb 2025)

Achievements

1000+ Rating (CodeChef),Solved 70+ problems (Geek For Geeks),Solved 200+ Problems (LeetCode)