Meduri Venkata Sri Koushik

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EDUCATION

Vellore Institute of Technology, Chennai   CGPA - 7.37
Bachelor of Technology in CSE with AI and Robotics   *Sep. 2022 – June 2026*

Gauthami Junior College, Hyderabad   Percentge - 93.9
Intermediate Education   *Jun. 2020 – Junly 2022*

EXPERIENCE

Software Developer Intern   May 2025 – July 2025
ExpertAid Technologies Pvt Ltd   *Hyderabad, Telangana*
- Worked with React.js, Node.js, Express, LLM's and AWS.
- Contributed in Feature Development, ERP testing, Deployments and bug resolution.
- Implemented website navigation to relevant service pages, improved overall user self-service efficiency.

Android App Development Trainee   June 2024 – July 2024
Imarticus Learning Pvt Ltd   *Chennai, Tamil Nadu*
- Gained Hands-on experience working with Android Studio using Java and Kotlin.
- Developed a budget tracking mobile app capable of displaying expense dashboard.

PROJECTS AND RESEARCH WORK

DSA-Chrome Extension | *React.js, Node.js, Vite, MongoDB, Llama*   June 2025
- Developed a Google Chrome Extension using Express serving a REST API with React as the frontend.
- Implemented Backend using NodeJS to fetch reliable responses from Groq API.
- Displayed relevant solutions through YouTube video explanations, pseudocode and code generation.

AI-Powered Website Navigation Chatbot | *React.js, Node.js, Groq API*   May 2025 – July 2025
- Developed a chatbot using ReactJS, NodeJS, Express and Groq API.
- Developed a REST API using Express and PostgreSQL to store chat conversations.
- Implemented a chatbot that identifies user intent and efficiently routes users to relevant service pages.

Real-Time Student Data Analysis | *React.js, Node.js, MySQL, PowerBI*   Jan 2025-Feb 2025
- Worked with React.js, Node.js, MySQL, AWS RDS and Power BI for building a live-dashboard.
- Implemented CRUD operations to modify data according to user-needs.
- Developed a RestAPI that automatically updates the dashboard with live data-feed to PowerBI.

Hybrid MDS-MA Algorithm | *Python, NumPy, Pandas, ScikitLearn*   Dec 2024-May 2025
- Leveraged Python, NumPy, Pandas and scikitlearn to submit a hybrid-algorithm to Springer Journal.
- Simulations showed 18.7 percentage decrease in energy consumption in WSNs.
- Utilized NumPy for Numerical Manipulations, Pandas for Data Cleaning and scikitLearn for leveraging ML Models.

TECHNICAL SKILLS

Languages: Java, Python, SQL
Frameworks: React.js, Node.js, Express, FastAPI, Android SDK
DataBases: MySQL, MongoDB
Developer Tools: Git, GitHub, VS Code, Power BI, MySQL Workbench, Jupyter Notebook, AWS, Android Studio
Libraries: Mongoose, pandas, NumPy, Matplotlib

CERTIFICATIONS AND ACHIEVEMENTS

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate.   [Link](#)
Solved 100+ DSA problems across LeetCode, GFG and HackerRank .   [Link](#)
Served as Student Coordinator for SDG 4 – Quality Education (Targets 4.1, 4.2).   [Link](#)
Certified in Data Science using Python from Edureka.   [Link](#)
Postman API Fundamentals Student Expert.   [Link](#)
Secured 7th out of 93 teams in Data Science Hackathon conducted by VIT Chennai.
Video Editing and Photography Head at TLA, VIT Chennai.