Goutham LM

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Professional Highlights

- Full-Stack & AI/ML Engineer with expertise in **scalable web apps**, **predictive models**, and **cloud-native deployments**.

- Finalist at **Smart India Hackathon 2024** & **Rajasthan Police Hackathon 2024**; winner of multiple national hackathons.

- Strong in **Java Data Structures & Algorithms** with 450+ problems solved on LeetCode/GFG/Code360.

Education

M.Tech, Computer Science & Engineering	2022–2027	**CGPA: 8.6/10**
Sri Krishna College of Engineering & Technology, Coimbatore		
Higher Secondary (12th Grade)	2021-2022	**95%**
Ramakrishna Mission Vidyalaya Matric Higher Secondary School, Villupuram		

Work Experience

Full Stack & AI Intern, iBots / Protowiz Pvt. Ltd.   Jan–May 2025

- Designed an **AI Validator Tool** for EDII Govt. of Tamil Nadu, automating evaluation of 500+ startup ideas.

- Engineered **Printz E-commerce Platform**, supporting 10+ branches, 1K+ products, and automated daily revenue tracking.

- Developed OCR and real-time prediction models, boosting accuracy by 25% on benchmark datasets.

- Deployed applications on **AWS EC2/S3** with CI/CD pipelines, reducing release cycles by 40%.

Projects

SAFEWAVE (SIH 2024 Finalist) – Built AI system for malicious website detection using DNS analysis, reverse IP lookup, vulnerability scans, and a GenAI chatbot.

Data Diviners (Rajasthan Police Finalist) – Developed fraud detection platform with NLP + OCR, recursive DNS blocking, real-time dashboards, and multilingual chatbot.

Sign Language Translator – Implemented CNN + Mediapipe model achieving 90% accuracy for real-time gesture-to-speech conversion.

Technical Skills

Languages: Java, Python, C++, JavaScript, SQL, C
Frontend: React.js, HTML5, CSS3, Bootstrap
Backend: Node.js, Express.js, Flask, FastAPI (REST APIs)
Databases: MongoDB, MySQL, Firebase
AI/ML: TensorFlow, PyTorch, OpenCV, NLP, Computer Vision, Deep Learning
Data Analytics: Pandas, NumPy, Matplotlib, SciPy, Power BI
Cloud/DevOps: AWS (EC2, S3, Lambda), Docker, Git/GitHub, GitHub Actions, CI/CD

Achievements

- **Machine Learning Showdown (Yukta)** – 1st Prize
- **Ideathon 2023** – 1st Prize
- **Builders College Hackathon** – 2nd Prize

- Finalist – Smart India Hackathon 2024
- Finalist – Rajasthan Police Hackathon 2024
- Solved 450+ DSA problems

Certifications

Machine Learning (Simplilearn, CodeAlpha)
Data Analytics (Accenture, Cisco), Python for Data Science (IBM)
Full-Stack Web Development (LinkedIn Learning), Microsoft AI Skills Challenge

Profiles

LeetCode — GeeksforGeeks — Code360