

Goutham LM

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SUMMARY

Results-driven MTech candidate in Computer Science (Minor: Mathematics) from Sri Krishna College of Engineering and Technology with a robust background in full-stack development, machine learning, and data analysis. Experienced in designing and deploying AI-powered applications and scalable web/mobile solutions using React.js, Node.js, MongoDB, React Native, C, C++, Java, and Python. Adept at implementing complex algorithms, advanced data structures, and analytical tools to drive innovative solutions. A proactive problem solver and hackathon aficionado, I am eager to leverage my technical expertise and collaborative spirit to make a significant impact at J.P. Morgan Chase.

EXPERIENCE

Full-Stack Development & ML & AI

IBots.in

February 2024 - March 2025, Coimbatore

- Developed and deployed AI-powered applications by integrating machine learning models into scalable full-stack solutions, boosting operational efficiency.
- Built the D2T Product App—an AI-driven e-commerce platform (React.js, Node.js, Express.js, MongoDB) that streamlined order management and delivered real-time product recommendations.
- Implemented AI systems that tailored product recommendations to user behavior, enhancing product discovery and personalizing the shopping experience.
- Designed cross-platform mobile apps with React Native and Firebase, which improved order tracking efficiency and increased user engagement.
- Optimized backend APIs and databases to reduce latency, improve security, and enhance scalability.
- Engineered a real-time analytics dashboard using Python and TensorFlow that cut reporting time by 50%, enabling faster data-driven decision-making.

PROJECT

FAKE WEBSITE IDENTIFICATION- AI, ML, DL, NLP , Full Stack

Madhya Pradesh Police - Smart India Hackathon • July 2024 - December 2024

- Engineered an AI-powered system to detect fake websites with 95% accuracy using domain analysis, SSL validation, and authentication indicators.
- Implemented advanced NLP and image regression for ad content authenticity.
- Developed a customer care verification module to flag potential scams.
- Enabled real-time threat detection with dynamic analysis tools.
- Integrated user feedback for continuous improvement.
- Overcame hosting obfuscation via DNS mapping, subdomain enumeration, and reverse IP lookup.
- Architected a full-stack solution leveraging AI, ML, and DL to enhance predictive capabilities and user safety.

Multi-Modal AI Guardian: A Full-Stack Intelligence Platform

Rajasthan Police 1.0 Hackathon • October 2023 - February 2024

- Developed a full-stack platform integrating advanced AI, ML, DL, NLP, and generative models to enhance digital security and user engagement.
- Improved Google Image search accuracy through deep learning classification for robust image recognition.
- Analyzed advertisement authenticity using cutting-edge NLP and image recognition algorithms.
- Integrated an interactive chatbot for real-time user support and engagement.
- Created text and speech conversion modules to enhance accessibility.
- Implemented ML algorithms to detect and filter spam emails and SMS for secure communication.
- Designed and deployed the platform using React.js, Node.js, Express.js, and MongoDB, ensuring scalability, performance, and security.

EDUCATION

MTech in Computer Science (Minor: Mathematics)

Sri Krishna College of Engineering and Technology, Coimbatore

2022 – Present | GPA: 8.54

- Actively engaged in cutting-edge research and hands-on projects in machine learning, artificial intelligence, and full-stack development.
- Participated in multiple national-level hackathons and ideathons, earning awards that highlight strong problem-solving and technical skills.
- Committed to applying innovative solutions to real-world challenges while continuously enhancing expertise in emerging technologies.

Senior Secondary Education (12th Grade)

- Achieved a 95% score, demonstrating exceptional academic performance and a strong foundation in analytical skills.

SKILLS

- Programming & Software Development:
 - Languages: C, C++, Java, Python
 - Core Competencies: Data Structures & Algorithms; advanced problem-solving (Hackathon Aficionado)
 - Web & Mobile Development:
 - Front-End: HTML5, CSS3, JavaScript, Bootstrap
 - Full-Stack: Expertise in building scalable web applications using React.js, Node.js, and Express.js
 - Mobile: React Native, Android Studio
 - Data Analysis & Visualization:
 - Libraries & Tools: Pandas, NumPy, SciPy, Matplotlib
 - Visualization Tools: Power BI, Tableau
 - Database Management & Cloud Services:
 - Databases: MongoDB, MySQL, SQLite3
 - Cloud Platforms: AWS, Firebase
 - Tools & Collaboration:
 - Git, GitHub, Visual Studio Code, Figma, Canva
 - Additional Expertise:
 - Machine Learning, Artificial Intelligence, UI/UX Design, App Development, Data Analysis
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ACHIEVEMENTS

- Finalist – Smart India Hackathon 2024
 - 1st Prize – Machine Learning ShowDown (Yukta National Level Event)
 - 1st Prize – Ideathon 2023 (Krishnecs National Level Technical Event)
 - 1st Prize – Ideathon 2023 (Fortune Cybernautes Technical Event)
 - 2nd Prize – Builders College Hackathon (Kangeyam Group of Institutions)
 - 3rd Prize – Ideathon 2023 (Tech Trek Technical Event)
 - Finalist – Rajasthan Police National Level Hackathon 1.0
 - Finalist – PSG iTech National Level Hackathon
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CODING PLATFORMS

- [LeetCode](#)
 - [GeeksforGeeks](#)
 - [Coding Ninjas](#)
 - [HackerRank](#)
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