Leela Mani Kumar

Polavaram, Andhra Pradesh

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Education

Gayatri Vidya Parishad College of Engineering   2022 - 2025
Bachelor of Technology in Computer Science and Engineering CGPA: 8.7   *Visakhapatnam, India*

AANM and VVRSR Polytechnic College   2019 - 2022
Diploma in Computer Engineering Percentage: 97%   *Gudlavalleru, India*

Government High School   2018 - 2019
10th Class   CGPA: 9.7   *Rajampalem, India*

Technical Skills

- Programming Languages: Java, C++, C, Python
- Web Development: JavaScript, Node.js, Express.js, React.js, HTML, CSS
- Databases: MySQL, MongoDB, PostgreSQL
- Cloud & DevOps: AWS, Docker, Kubernetes, Git, GitHub
- Machine Learning: TensorFlow, Scikit-learn, FastAPI, Pickle
- Other: REST APIs, Agile Development, Data Structures & Algorithms (DSA), Problem Solving

Internships

Palo Alto Cybersecurity Virtual Internship   4 Months
Location: Visakhapatnam, India

- Gained knowledge of cyber attacks, including phishing, malware, and ransomware.
- Implemented security strategies using Palo Alto Networks solutions.
- Gained hands-on experience in incident response and security breach mitigation.

Projects

Multiplayer Sudoku Clash   Technologies: Socket.io, JavaScript, Node.js, Express.js, React.js

- Developed a custom backtracking algorithm for unique Sudoku puzzles, supporting 10,000+ games.
- Implemented a real-time Socket.IO-based multiplayer framework for smooth interaction.
- Built a React-based SPA, optimizing user navigation by 30% and handling 500+ active players.

Diet Recommendation for Diabetic Patients Chatbot Technologies: FastAPI, Python, Machine Learning

- Built a dataset based on Glycemic Index, trained using a supervised Machine Learning model.
- Developed and deployed a FastAPI-based REST API, integrating a Pickle-saved model.
- Engineered a React frontend and Node.js backend for real-time interaction.

Achievements

- Ranked 15th in Andhra Pradesh Engineering Common Entrance Test (ECET).
- Top 29% on Leetcode, solving 500+ coding problems.
- Top 20 institute ranking among 1,500 peers on GeeksforGeeks.

Profile Links

- GitHub: github.com/leelamanikumar
- Leetcode: leetcode.com/u/lmkleela1/
- GeeksforGeeks: geeksforgeeks.org/user/lmkleocf9
- LinkedIn: linkedin.com/in/leela-mani-kumar-866450267/