GOWTHAM S L

📞 +91 9566980082   @ slgowtham42@gmail.com   in Linkedin   Github   📍 Coimbatore, Tamil Nadu

Passionate Computer Science undergraduate specializing in Artificial Intelligence and Data Science, with hands-on experience in the MERN stack, cloud computing, and DevOps, along with a foundational understanding of data science. Skilled in building responsive and scalable web applications and deploying them on cloud platforms using modern DevOps practices. Proficient in Python, JavaScript, and frameworks like React and Node.js, with strong problem-solving abilities and a keen focus on UI/UX design. Actively seeking internship or job opportunities to apply my skills and gain hands-on experience in real-world tech environments.

EDUCATION

Higher Secondary Certificate	Variyar Higher Secondary School- Dharmapuri	Percentage : 90.8 %	2023
B.Tech Artificial Intelligence and Data Science	Sri Eshwar College of Engineering, Coimbatore	CGPA : 7.77	2023-2027

INTERNSHIP EXPERIENCE

- Completed a Web Development Internship at GSOFT Technologies, where I worked on full-stack projects using the MERN stack (MongoDB, Express.js, React, Node.js). Gained hands-on experience in building responsive web applications and integrating RESTful APIs for dynamic data handling and enhanced user interaction.
- Completed a Cloud Internship focused on deploying and managing applications using AWS services such as EC2, S3, IAM, and VPC. Gained hands-on experience in cloud architecture, infrastructure setup, and foundational DevOps practices including CI/CD and monitoring.

PROJECTS

AudioStreamX (MERN Stack) Link
Developed a full-stack audio streaming platform using MongoDB, Express.js, React, and Node.js. Implemented user authentication, real-time audio streaming, and a responsive UI for seamless navigation. Optimized database queries and API performance for scalability and efficient data handling.

Personal Saving Goal Tracker (MERN Stack) Link
Built a secure personal finance tracker using the MERN stack. Enabled users to set savings goals, manage vault-style deposits and withdrawals, and track financial progress in real time. Integrated JWT authentication with cookie-based sessions and implemented XSS/CSRF protection to ensure data security and user privacy.

AI-Powered Gold Price Prediction System Link
Developed an AI-driven Gold Price Prediction system using a hybrid ARIMA–XGBoost–LSTM model for high accuracy. The system integrates real-time economic indicators and historical gold price trends to provide reliable forecasts. A modern Flask-based web interface was built to display daily prices and interactive 30-day predictions for better user insights.

CERTIFICATIONS

- Udemy – Mastering Data Structures & Algorithms using C and C++ Link	2024
- freeCodeCamp – Responsive Web Design (HTML & CSS) Link	2024
- SQL – Basics (Standard Level) Link	2024
- NPTEL – Python for Data Science Link	2024
- Java Basics - Programming Course (Hands-On) Link	2025
- Solutions Architecture Job Simulation (AWS) - forage Link	2025

ACHIEVEMENTS

- Solved 200+ problems on LeetCode with a contest rating of 1500+, demonstrating strong problem-solving skills. profile
- Completed 250+ challenges on SkillRack, strengthening proficiency in data structures and algorithms. profile
- Achieved a CodeChef contest rating of 1100+, showcasing consistency in algorithmic thinking. profile
- Successfully qualified for the final round of HACKSAGON 2025, emerging among the top teams out of 600+ national entries in a premier software and hardware hackathon at ABV-IIITM Gwalior.Link

TECHNICAL SKILLS

- Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, RESTful APIs, MongoDB, MySQL
- Tools & Platforms: Git, GitHub, Postman, VS Code, Power BI, MS Excel
- Cloud & DevOps: AWS (EC2, S3, CloudWatch, VPC, IAM, Route 53, RDS)
- Data Science & Machine Learning (Basic): Pandas, NumPy, Scikit-learn, Matplotlib
- Programming & DSA: Python, JavaScript, Java (DSA with Java), Object-Oriented Programming (OOP), Algorithms, Problem Solving
- Operating Systems: Linux (basic), Windows