Athul Sajeev

LinkedIn: www.linkedin.com/in/-athulsajeev
Github: github.com/athulsajeev1

Email: athulsajeev2121@gmail.com
Mobile: +91-8606039321

SKILLS

- **Languages**: C, C++, Java, Python
- **Frameworks**: Flask, Scikit-learn, PyTorch
- **Tools/Platforms**: LeetCode, Geeksforgeeks, Github, VS Code, HackerRank
- **Soft Skills**: Project Management, Adaptability, Critical Thinking

PROJECTS

- **Adaptive Stock Market Prediction System | GitHub** — July 2025

- Developed a next-day stock price forecasting model using machine learning and sentiment-driven signals from financial news
- Implemented Linear Regression trained on 6 months of stock price data, integrated with sentiment scores derived from TextBlob and VADER, along with market trend indicators.
- Achieved improved prediction consistency and reliability through combined price-trend-sentiment modeling, with results visualized using Matplotlib for comparative accuracy interpretation.

- **AI Mock Interviewer | GitHub** — Mar 2025

- Designed an interview-assistant system that interprets candidate resumes from PDF files and produces customized, job-aligned interview questions based on extracted content.
- Utilized facebook/opt-350m within LangChain to generate 5 tailored questions (3 resume-dependent + 2 generic). Developed prompt logic, implemented duplication control, and deployed the tool using a FastAPI backend with a dynamic Tailwind UI
- Delivered ~85% question relevance accuracy with zero redundancy and a 95% validity rate, ensuring a dependable and scalable solution for AI-driven interview preparation.

CERTIFICATES

- Computational Theory: Language Principle & Finite Automata Theory – Infosys Springboard | Link — Sep 2025
- ChatGPT-4 Prompt Engineering: ChatGPT Generative AI & LLM - Infosys Springboard | Link — Aug 2025
- Build Generative AI Apps and Solutions with No-Code Tools – Infosys Springboard | Link — Aug 2025

ACHIEVEMENTS

- **Solved 30+ Problems on LeetCode**: — Oct 2025
  Ranked among global competitive coders on LeetCode by solving 30+ problems in data structures and algorithms.
- **Secured Bronze Level in Python on HackerRank**: — Mar 2025
  Obtained Bronze certification in Python on HackerRank through extensive algorithmic skill-building and practice.

EDUCATION

- **Lovely Professional University** — Phagwara, Punjab
  Bachelor of Technology - Computer Science and Engineering; CGPA: 8.96 — *Since August 2023*
- **St Johns Higher Secondary School** — Alappuzha, Kerala
  Intermediate; Percentage: 95% — *April 2021 - March 2022*
- **St Johns Higher Secondary School** — Alappuzha, Kerala
  Matriculation; Percentage: 98% — *April 2019 - March 2020*