Greater Noida, Uttar Pradesh | +91 9110975505 | kumargunjan14062004@gmail.com

GUNJAN KUMAR

CAREER OBJECTIVE   LinkedIn   GitHub

Aspiring Software Engineer with a strong foundation in Java, DSA, and Python. Skilled in full-stack web development with hands-on experience in building scalable applications using React.js and Firebase. Eager to contribute to innovative projects and collaborate in dynamic tech environments.

EDUCATION

Galgotias Collegeof Engineering &Technology, GreaterNoida   Expected July 2026
Bachelor of Technology (B.Tech) in Computer Science and Design
Relevant Technical Coursework: Data Structures, Algorithms, OOPs, Computer Networks

SKILLS SUMMARY

- Languages: Java, Python, SQL
- AI Tools: Open AI, Claude
- Data Structures & Algorithms, XML Formats
- Development: HTML, CSS, JAVASCRIPT, REACTJS, MongoDb, Express, NodeJS
- Tools & Technologies: Git, GitHub, NLP, VS Code, Firebase
- Soft Skills: Team Collaboration, Communication Skills

PROJECTS

Portfolio - Optimizer

Click Here to View

- Engineered a quantitative web tool implementing MarkowitzMean-VarianceOptimization to determine optimal asset allocation, maximizing the Sharpe ratio.
- Deployedapublicwebapplication using Streamlit, featuringaninteractive UI for custom stock selection and risk preference input.
- Achieved an 18.3%improvementin risk-adjusted returns (Sharperatio) compared to an equal-weighted benchmark portfolio.
- TechStack: Python, Streamlit, PyPortfolioOpt, yFinance, Pandas,NumPy, Plotly

IoT-Based Smart Irrigation System (Final Year Project- Ongoing)

- Designed a real-time Irrigation system using IoT to monitor soilIngredients.
- Implemented IoT sensors for real-time data collection and for thePH.
- Web/mobile interface for authorities to track location-based risk.
- Tech Stack: Python, Embedded Systems, IoT

CERTIFICATES

- HACKEMON (SHEBUILDSCOMMUNITY/ APRIL 25-27 (2025))
- Database Programming with SQL ORACLE| Issued: DECEMBER 2024
- HP POWER LAB HindustanPetroleumLtd./ November 2024