Anurag Kumar Kushwaha

B.Tech. (IT) - Indian Institute of Information Technology , Allahabad

linkedin.com/in/anuragkushwaha1
anuragk.com
kanurag078@gmail.com

Skills

- Languages: Java, Golang/Go, Python, SQL
- Technologies: Spring Boot, MySQL, Kafka, Git, Redis, Cassandra, Docker, Protobuf, Dask
- Other: Microservices, Data structures, Object Oriented Programming, REST API, Design Patterns

Work Experience

Software Engineer II   **Edelweiss**   **Jul 2021 – Present**

- Engineered real-time order management system for stock market leveraging REST API and Protobuf achieving **less than 10 millisecond execution time** and processing 5,000+ orders daily.
- Developed an automated portfolio management system using **Java**, **Spring Boot** and **Kafka**. This **enabled 50% faster strategy startup time** for more than 25 research teams.
- Worked with team to architect **low-latency algorithmic trading platform, based on microservices**, processing daily trading volume of ₹5M+. Thus reducing onboarding time of research teams from 2 weeks to 2 days. Enabling us to hire more research teams and trade on more capital.
- Optimized historical market data pipeline from Cassandra to trading framework, **slashing data retrieval latency by 80%** and achieving **99.999% data consistency**.
- Re-architected algorithm trading platform - supporting multi-asset trading strategies, having carry and expiry rollover support - **improving system scalability**, thereby doubling our trading capacity.
- Designed plug-and-play architecture for Options trading platform, **accelerating feature delivery time by 10x** and enabling autonomous strategy deployment for research teams.
- Managed and **mentored** a junior developer, **conducting code reviews**.
- Led end-to-end trading strategy implementation from development to production, achieving 90% of organizational objectives while maintaining system stability.

Software Engineer   **Nucleus Software**   **July 2019 – Jul 2021**

- Architected major part of the loan delinquency management system serving 20+ banking institutions, improving feature coverage by more than half, through Java, Spring Boot implementation.
- Owned the building, release and on-prem deployment of the FinnOne Collections 5.0 module using **Java, Spring Boot, Jenkins and Hibernate**.

Software Developer Intern   **Nucleus Software**   **Jan 2019 - June 2019**

- Developed front-end system using tracking.js, Django and Redis for tracking and registering attendance of 40 company interns.

Education and Achievements

Indian Institute of Information Technology, Allahabad   **2015–2019**

B.Tech., Information Technology   8.0 CGPA

- Won 3rd place among 70 teams, in Hack In The North 3.0 Hackathon.
- Finalist in IIIT Hacks, Techathlon'16 and Rajasthan Hackathon 4.0 Quizzeria.
- Built continuously updating personal Link Blog from scratch with Golang and HTML.