

Anurag Kumar Kushwaha

B.Tech. (IT) - Indian Institute of Information Technology ,
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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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.• Designed a Server for personal data transfer between various devices in Go.	