

# Anurag Kumar Kushwaha

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

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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

<b>Lead Software Engineer</b>	<b>NoBroker</b>	<b>Apr 2025 - Present</b>
<ul style="list-style-type: none"><li>• Developed a feature for showing similar properties to Whatsapp chatbot, expected to increase paid customer conversation by 10% in Java, Spring Boot and Gupshup.</li><li>• Optimised the search algorithm to show more relevant results for properties, on the homepage.</li></ul>		
<b>Software Engineer II</b>	<b>Edelweiss</b>	<b>Jul 2021 – Apr 2025</b>
<ul style="list-style-type: none"><li>• Engineered real-time order management system for stock market leveraging REST API and Protobuf achieving <b>less than 10 millisecond execution time</b> and processing 5,000+ orders daily.</li><li>• Developed an automated portfolio management system using <b>Java, Spring Boot</b> and <b>Kafka</b>. This <b>enabled 50% faster strategy startup time</b> for more than 25 research teams.</li><li>• Worked with team to architect <b>low-latency algorithmic trading platform, based on microservices</b>, 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.</li><li>• Optimized historical market data pipeline from Cassandra to trading framework, <b>slashing data retrieval latency by 80%</b> and achieving <b>99.999% data consistency</b>.</li><li>• Re-architected algorithm trading platform - supporting multi-asset trading strategies, having carry and expiry rollover support - <b>improving system scalability</b>, thereby doubling our trading capacity.</li><li>• Designed plug-and-play architecture for Options trading platform, <b>accelerating feature delivery time by 10x</b> and enabling autonomous strategy deployment for research teams.</li><li>• Managed and <b>mentored</b> a junior developer, <b>conducting code reviews</b>.</li><li>• Led end-to-end trading strategy implementation from development to production, achieving 90% of organizational objectives while maintaining system stability.</li></ul>		
<b>Software Engineer</b>	<b>Nucleus Software</b>	<b>July 2019 – Jul 2021</b>
<ul style="list-style-type: none"><li>• 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.</li><li>• Owned the building, release and on-prem deployment of the FinnOne Collections 5.0 module using <b>Java, Spring Boot, Jenkins and Hibernate</b>.</li></ul>		
<b>Software Developer Intern</b>	<b>Nucleus Software</b>	<b>Jan 2019 - June 2019</b>
<ul style="list-style-type: none"><li>• Developed front-end system using tracking.js, Django and Redis for tracking and registering attendance of 40 company interns.</li></ul>		

## Education and Achievements

<b>Indian Institute of Information Technology, Allahabad</b>	<b>2015–2019</b>
B.Tech., Information Technology	8.0 CGPA
<ul style="list-style-type: none"><li>• Won 3rd place among 70 teams, in Hack In The North 3.0 Hackathon.</li><li>• Finalist in IIIT Hacks, Techathlon'16 and Rajasthan Hackathon 4.0 Quizzeria.</li><li>• Built continuously updating personal Link Blog from scratch with Golang and HTML.</li></ul>	

