



**Jatin Agarwal**  
UG (IV Year II Semester)  
B.Tech. (Polymer Science and Engineering)  
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Registration No: 20121010/2024



Area of Interest

Devops, CI/CD, Software Development

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	B.Tech. 4th Year	Indian Institute of Technology, Roorkee	7.418
2020	Intermediate (Class XII)	Choudhary Pub Sr Sec School	94.00 %
2018	Matriculate (Class X)	Choudhary Pub Sr Sec School	93.67 %

Internships

**Software Engineering Intern** | The Linux Foundation March 2023 - May 2023

- Selected as a LFX mentee by Linux Foundation, a major maintainer of industry projects like Linux, Kubernetes, and HyperLedger among 20,000+ applicants, demonstrating a strong commitment to open source.
- Developed a cardinality API in Golang for Thanos, a CNCF-led cloud observability tool. This API enables efficient retrieval of cardinality information from Prometheus Time Series Database (TSDB) data, enhancing observability.
- Wrote unit tests, contributed to website maintenance and resolved general bugs, showcasing versatility in technical problem-solving.

**Product and Growth** | Curelink May 2022 - June 2022

- Identified and addressed the challenge of remote activation of doctors and increased the remote activation by 40 percent at Curelink, a 3.5 million dollar funded healthtech startup.
- Developed and executed 7+ campaigns by building WhatsApp chatbot to remotely activate onboarded customers, resulting in increased engagement and adoption.
- Utilized Mixpanel to create user flows, analyze consumer behavior, and gather customer insights using SQL and Metabase, ultimately informing data-driven decisions to optimize product performance and user experience.

Projects

**PPE Kit detection of Workers (Freelance)** | IIT Roorkee August 2023 - September 2023

- Implented machine learning model for detection of the PPE kit on the factory workers for the Japan's largest glass manufacturing company AGC industries using YOLO v8.
- Deployed model on AWS's EC2 server for production usage.

**GoMicro** | BlocSoc March 2023

- Built and structured a microservice with Golang and Docker that fetches prices of cryptocurrencies as an assignment for my LFX mentorship. Implemented both the JSON and gRPC transports for our service and took the advantage of Golang's context package.

Awards / Scholarships / Academic Achievements

- Completed Microsoft Learn Student Ambassadors Cloud Computing Cloud Skills Challenge.
- Finalist in Sale-Able in E-summit,2022, IIT Roorkee( Asia's one of the largest entrepreneurship promoting body)

Skills

Computer languages    Java, Golang, Python

Positions of Responsibility & Extra Curriculars

**Member** | BlocSoc, ACM IITR January 2022 - Present

- Spearheaded the development of diverse projects, primarily using Golang.
- Delivered insightful offline presentations on Decentralized Finance (DeFi) and authored informative blog posts on the subject matter.
- Orchestrated workshops and hackathons to cultivate and strengthen the blockchain ecosystem within the campus community.

**Events Executive** | NCC IIT Roorkee August 2021 - July 2022

- Lead Event organizer in the uttarakhand's largest NCC event .
- Got exposure of army training in drills in BEG, Roorkee.
- Made video content on all social media handle

References

**Ben Ye**  
Software Engineer  
Amazon Web Servicies(AWS)  
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