ANUBHAV SINGH

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OBJECTIVE

Software Engineer with 6 years of experience in delivering end-to-end products, thriving in collaborative teams to drive impactful solutions to complex problems

EXPERIENCE

SDE 2 February 2025 - Present
Amazon *Bengaluru, Karnataka, India*

- Develop and operate workflow engine, automating fleet migrations (AZ and ASG) for high-traffic services including the **Amazon retail website**; delivered the **Region Flex Program**, expanding **100+** services into **eu-central-1** and **eu-south-2** for regional availability. **Java (Coral), ReactJS, SWF, Apollo, Tardigrade, AWS**.
- Designed, shipped and published **AI agents** that autonomously investigate failures across SWF, DynamoDB, and CloudWatch, reducing a multi-hour manual investigation to minutes. **Python, MCP, LLM agents, AWS**.

SDE 2 November 2023 - January 2025
Medikabazaar *Gurugram, Haryana, India*

- Led and implemented infra wide **API Gateway** and **Private Applicaton Load Balancers** on **AWS**.
- Set up **CI/CD pipelines** for all microservices using **Jenkins**, streamlining deployments, making them **10x** faster.
- Led and implemented **Multi Broker Kafka Cluster** on **AWS**, for infra wide async messaging.
- Led and built **Notification Service** using **Spring Boot (Java), Redis, AWS SNS, SES, SMTP, Kafka, ReactJS**, supporting both async and sync messaging with rate-limiting per microservice.
- Developed and trained **time series forecasting** models using **LSTM** and **FB Prophet** on **AWS Sagemaker**.

SDE 2 April 2022 - November 2023
Fashinza *Gurugram, Haryana, India*

- Led and architected **finance microservice**, following **SOLID principles** and **design patterns** leading to independent deployments and **3x** faster product delivery, using **Django, Docker, RabbitMQ, Celery, ReactJS**.
- Introduced **custom django serializers**, resulting in **93%** faster API response time and **86%** fewer DB queries.

SDE June 2020 - April 2022
Fashinza *Gurugram, Haryana, India*

- As a founding engineer, built end to end products from scratch, handling CRUD of more than **1L** SKUs, using **ReactJS, Redux, NextJS, TypeScript, Django, Python**.

Fullstack Developer Intern May 2019 - June 2020
Konfinity *Noida, Uttar Pradesh, India*

- Developed multiple full-stack web-apps using **ExpressJS, MongoDB, Vanilla JS, Bootstrap, MochaJS**

SKILLS

Languages	Python, TypeScript/JavaScript, Java, HTML/CSS
Technical Skills	Django, Celery, ReactJS, Redux, NextJS, NodeJS, Spring boot, Unit Testing
Databases	PostgreSQL, MongoDB, Firebase
Tools and Services	Kafka, AWS, Docker, Kubernetes, Git/Github, Mixpanel, New Relic, Claude Code, Kiro

EDUCATION

Integrated Masters (B.Tech and M.Tech), Gautam Buddha University 2015 - 2020
Computer Science and Software Engineering (CGPA: **8.19**)