

Kshitij Singh

Lead Software Engineer

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SUMMARY

Lead Software Engineer with 6 years of experience in driving the development of high-impact microservices, resulting in a 60% reduction in app response times and enhanced customer experiences. Proficient in backend languages including Java, Python, and Golang, skilled with databases such as SQL and NoSQL, and experienced in cloud platforms like AWS and GCP.

EXPERIENCE

Lead Software Engineer

Mar '22 — Present

Zepto Bengaluru, India

- Led a team of 2 engineers in the development of a Pricing microservice, making critical architectural and technical decisions that resulted in a 20% improvement in pricing consistency across the entire system, enhancing customer experience.
- Led a team of 4 engineers in developing and optimizing the Catalog service, resulting in a 60% reduction in app response times, significantly enhancing customer experience and driving a revenue increase. This also helped Zepto scale for the customer throughput upto 100K rpm and much more.
- Led a cross-functional team of 2 engineers to architect and develop a high-performance Layout service, resulting in a 50% reduction in homepage average load time, significantly improving customer experience.
- Wrote the standard microservice template used across org for new microservice creation
- Implemented Bank offers & Coupon module integration with external bank vendors and Juspay payment portal.
- Zepto Wallet development & integration with Payment gateway. Worked towards making it compliant with RBI's compliance policies as well.
- Responsibilities included taking LLD (Low level design) and HLD (High level design) related decisions.
- Took close to 200 interviews (LLD & HLDs) in a span of 18 months for junior & senior positions

Product Engineer

Nov '19 — Feb '22

Gojek Bengaluru, India

- Project : Driver Allocation (Customer Driver Matchmaking System) : Responsibility to creating and maintaining a system to match customers with efficient drivers across 4 countries. This supported multiple business usecases such as cab discovery, food delivery, medicine delivery etc
- Countries of presence : Indonesia, Thailand , Singapore, Vietnam
- Spanning scalable systems that supported matchmaking based on various factors such as driver performance & rating, customer preference of drivers.
- Writing ADRs, TRDs and RFCs for new feature development and algorithmic changes

R&D Engineer

Mar '18 — Oct '19

Nokia Solutions and Networks Bengaluru, India

- Project
- CEMoD (Customer Experience Management on Demand)
- A Big data based Analytics product that derives customer experience based on some KPIs for Telecom Providers

SKILLS

Backend Development JAVA, Python, Clojure, Golang, SQL, Postgres, MySQL, NoSQL, MongoDB, Firebase, Redis

Frontend Development Javascript, JQuery, ReactJs, HTML, CSS3, Bootstrap, Tailwind CSS

DevOps & Tools Docker, Kubernetes, GIT, Github, Gitlab, Kafka, JIRA, Kibana, Grafana, Jenkins

Cloud Platforms GCP, AWS

Methodologies Agile Software Development

EDUCATION

PG Diploma in Mobile Computing, Centre For Development Of Advanced Computing , ACTS (GPA: 67.5%) Oct '17 — Mar '18
Pune

B.Tech in Computer Science, Ambalika Inst. of Management & Technology (UPTU) (GPA: 72.93%) Mar '13 — Mar '17
Lucknow

10th & 12th in Science, St. Peter's College (GPA: 73.28%) Raebareli

PROJECTS

SuperDMs - Twitter DMs superpowered [Link](#)

- built with, ReactJS, Golang, Postgres, Supabase

KanbanG - Clean kanban board [Link](#)

- built with, ReactJS, Firebase

Chootu - Fast URL shortener [Link](#)

- built with, ReactJS

Namelss - Anonymous realtime chat [Link](#)

- built with, Clojure, React, Postgres, Firebase

AWARDS

Certificate of Excellence

Nokia May '01

Recognised for successfully bringing POC work to Production.

Star Performer of the Batch

HPES INDIA Jul '01

For developing one of the projects during Android training at HP.