

Ajit Kumar

SOFTWARE ENGINEER LEAD · BACKEND ENGINEER

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Summary

Software Engineer/Architect with a demonstrated history of working in the software industry across a wide range of products and technologies. Passionate about solving complex problems and building highly scalable distributed systems from scratch.

Work Experience

Coinbase

Remote

SENIOR SOFTWARE ENGINEER

November, 2021 - Present

- Designed, developed and maintained the backend for core chat platform for coinbase serving 15k conversations with 1.5 millions messages per day.

Agara.ai (acquired by Coinbase)

Remote

SENIOR STAFF ENGINEER

April, 2020 - November, 2021

- Designed, developed and maintained the backend for Voice Bot Platform, Agara's Proprietary AI voice assistant, built using Automatic Speech Recognition, Advanced Natural Language Understanding, Deep Learning.
- Wore multiple hats - served as a product manager, software architect, and engineering manager.
- Brainstormed the workflows/use-cases with stakeholders and customers to evolve a POC into a sellable product.

VMware

Bengaluru, India

SENIOR MEMBER OF TECHNICAL STAFF

July, 2018 - April, 2020

- Led the efforts for building metrics pipeline for Pulse IoT Center which can handle 10k RPS for metrics insights and alerting using influxDB and kapacitor.
- Built notifications systems for sending alerts based on metrics.

Xamcheck

Bengaluru, India

SOFTWARE DEVELOPMENT ENGINEER 3

May, 2017 - July, 2018

- Implemented RESTful API server in Java/Python for IMAX. A B2B platform used by schools for data-driven personalised learning.
- Developed API server for teachers' and parents' apps. Using IMAX ClassPulse (Teacher App) teachers have support to carry out their day-to-day teaching activities like conducting class tests, remedial, attendance, assigning personalized homework, sending notifications to parents, etc. Parent app is used by parents to track the daily school updates of their child day to day information like the timetable, attendance, assigned homework, school and class activities.

Ola

Bengaluru, India

SOFTWARE DEVELOPMENT ENGINEER 2

Feb. 2015 - Oct. 2016

- Lead engineer for Ola Care backend system in Java, that can discover customer queries and give one click solutions for their problems.
- Designed and implemented Mirage, an application which renders rides specific route images used in the various section of the app and invoices.
- Implemented authentication and authorisation functionality in Java for customer support team for various applications based on roles and permissions.
- Implemented Issue Tracking System which created tickets based on issue and auto assigned it.

Goibibo(Ibibo Group)

Bengaluru, India

SOFTWARE ENGINEER

June 2013 - Feb. 2015

- Implementation of fare calendars for international flights which helps the customers to choose the cheapest option.
- Improved response time of search, reprice and bookings for airline e-tickets.
- Implemented an in-house CRM system for support team using Python/Django.

Technical Skills

Programming Java, Python, Go

Web Frameworks Django, Dropwizard, Spring Boot

Databases Postgres, MongoDB, MySQL

Tools/Miscellaneous Apache Kafka, AWS EC2, SQS, SES, RDS, S3, HTTP/2, gRPC, docker

Education

KIIT(Kalinga Institute of Industrial Technology)

Bhubaneswar, Orissa, India

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2009 - May, 2013

- Scored 8.42/10 CGPA