Tarun Batra

Software Engineer

SKILLS ⚙

- Node.js
- Golang
- MongoDB
- Postgres
- Docker
- Redis
- TypeScript
- Amazon AWS

CONTACT 💬

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For More Information

This QR code redirects to my website tarunbatra.com

CAREER OBJECTIVES

Creative Software Engineer with 6+ years of experience in scaling distributed applications and interest in web3.

WORK SUMMARY 💼

SENIOR SOFTWARE ENGINEER
WonderFi Inc, Vancouver | Mar 2022 - May 2022

I worked as a full stack developer designing and developing services to interact with the **Ethereum** and **Polygon** blockchain using **Golang**, **React**, **Postgres**, **MongoDB** and **Kubernetes**.

SENIOR BACKEND DEVELOPER
Instabox AB, Stockholm | July 2020 - Jan 2022

I was part of the Merchants and Communications team. We were responsible for integrating with the APIs of our e-commerce partners and also maintain APIs on our end for them to consume. We also developed and maintained communication system which used duplex channels like SMSs and emails. I used **Node.js**, **Postgres** and **Redis**.

SENIOR SOFTWARE DEVELOPER
smallcase, Bengaluru | Oct 2017 - Jul 2020

I led the team which was responsible to integrate with partner stock brokers' APIs. I was also responsible for the core transactions system and execution of scheduled jobs. Apart from that I was involved in cross-team engineering decisions. Here, I used **Node.js**, **MongoDB**, **Redis** and **RabbitMQ** heavily along with some **Kafka** and **Elasticsearch**.

SOFTWARE DEVELOPER
Codebrahma, Bengaluru | Dec 2015 - Oct 2017

I worked on projects for various clients. Some of the projects included a mortgage settlement platform for US market and a game server for a popular mobile game. I got my hands dirty in **Express**, **Hapi.js**, **Meteor**, **MongoDB**, **DynamoDB**, **AWS Elasticbeanstalk**, **AWS Lambda**, etc.

SIDE PROJECTS 🎨

- password-validator
- zindagi
- know-your-kisaan
- rate-ipfs-content

INTERESTS ⚽

- Open source
- Technical writing
- Hiking
- Motorbiking

EDUCATION 🎓

BACHELORS OF TECHNOLOGY (COMPUTER SCIENCE)
SRM University, Chennai | Aug 2012 - May 2016

I did a 4 year Bachelors in Computer Science and Engineering. While my time there, I was also part of the college satellite project, SRMSAT-2. Other areas of interest have been cryptography and distributed networks.

ACHIEVEMENTS 🏆

New communication engine, Instabox, 2021
Designed to send sms/push notifications/emails with support for multiple countries and languages. Successfully deployed to production and handling **500,000 messages** everyday.

Scaled integrations setup, Instabox, 2020
Re-imagined and developed a service which processes a **100,000 orders** everyday without any major hiccups.

Revamped polling system, smallcase, 2019
Reduced arbitrary delays by upto **40x** in the processing of an order.

Scaled transactions system, smallcase, 2018
Processing more than **3.5 million orders** through integrations with 7 different stock brokers.

Remote collaboration, Codebrahma, 2017
Led a team based in Montreal remotely from Bangalore for a popular gaming startup.