Tarun Batra

Software developer

CONTACT 💬

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SKILLS ⚙️

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

SIDE PROJECTS 🎨

- 📋 password-validator
- 📋 zindagi
- ⬡ know-your-kisaan
- ⚛️ rate-ipfs-content

SUMMARY

Creative Software Developer with 6+ years of experience in designing and scaling distributed applications. Also a mentor and Open-Source software maintainer.

WORK EXPERIENCE 💼

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 networks.

Tech stack: **Golang**, **TypeScript**, **React**, **MongoDB**, **Kubernetes**, **GCP**

Highlights:
- **NFT Viewer:** Responsible for end-to-end integration of NFTs on the platform.
- **Transactions Sync:** Developed cronjobs to sync transactions from blockchain networks.

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

I was part of the Merchants and Communications team. My day-to-day work involved leading new projects, addressing tech debts and responding to incidents.

Tech stack: **Node.js**, **Postgres**, **Redis**, **MongoDB**, **Terraform**

Highlights:
- **Integration service:** Responsible for integrating merchants' APIs with our order system. Re-imagined and developed the service which processes a 100,000 orders everyday without any major hiccups.
- **Communication service:** Designed the service to send SMS, push and emails with support for multiple countries and languages. Successfully deployed to production and handling 500,000 messages everyday.
- Mentored new developers in the team.
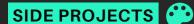- Worked closely with the business team to collect requirements.

BLOG POSTS ✏️

[Git before GitHub](#)

[Deploy your website on IPFS: Why and How](#)

[Polling reliably at scale using DLQs](#)

INTERESTS ⚽

🔓 Open source

📝 Technical writing

🥾 Hiking

🏍️ Motorbiking

SENIOR SOFTWARE DEVELOPER

smallcase, Bengaluru | Oct 2017 - Jul 2020

Tech stack: **Node.js**, **MongoDB**, **Redis**, **RabbitMQ**, **Kafka**, **ElasticSearch**

Highlights:

- **Integration team:** As a team lead I was responsible to integrate our system with partner stock brokers' APIs. Designed the system to easily integrate and implemented it for 7 partner brokers.
- **Transaction system:** I was responsible for the core transactions system. Scaled the system to process more than **3.5 million** orders.
- **Scheduler:** Developed an event-driven service to run and manage background jobs.
- Involved in engineering organization wide decisions like hiring and technical debt management.
- Worked closely with the business team and vendors to collect requirements.

SOFTWARE DEVELOPER

Codebrahma, Bengaluru | Dec 2015 - Oct 2017

Worked as a consultant for different global startups remotely.

Tech stack: **Node.js** (Express, Hapi, Meteor), **MongoDB**, **Redis**, **RabbitMQ**, **DynamoDB**, **AWS Elasticbeanstalk**, **AWS Lambda**

Highlights:

- Developed a common server for multiple games for a popular gaming startup.
- Developed back-end for a mortgage settlement platform for the US market.
- Involved in creating re-usable components to accelerate development.
- Hired and mentored developers for the organization.

EDUCATION 🎓

BACHELORS OF TECHNOLOGY (COMPUTER SCIENCE)

SRM University, Chennai | Aug 2012 - May 2016

Took courses on Data Structures, Algorithms, Compilers, Mathematics, Networks, Cryptography and others.

Highlights:

- **SRMSat-2:** I was part of the on-board computer team for the incomplete nano-satellite mission to moon.
- **Aaruush:** Organized events at the college-tech fest.
- **Research Day:** Presented my research on "*Addressing Security and Privacy Concerns on the Internet using HTTPS and TOR*".