

SKILLS



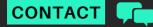


password-validator

<u>zindagi</u>

know-your-kisaan

rate-ipfs-content





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# Tarun Batra

#### Software developer

## **SUMMARY**

Creative Software Developer with 8 years of experience in designing and scaling distributed applications. Also a mentor and Open-Source software maintainer.

### WORK EXPERIENCE

# SENIOR SOFTWARE ENGINEER

#### Okta, Vancouver | Sept 2022 - Present

I am part of Inbox team at Okta which deals with user interactions over Slack bot, Teams, Emails, Web UI and the API.

#### Tech stack: Node.js, MongoDB, GCP, Terraform, K8s

#### **Highlights:**

- Worker Tasks: Designed a worker tasks framework using GCP PubSub and Cloud Tasks to process asynchronous tasks reliably.
- Owned major chunks of Requests domain and delivered features like Cancel Requests, Team permissions.
- Ramped up our alerts and monitoring setup which increased reliability and explored K8s HPA for scaling.
- Worked closely with Product to shape the customer UX around the product.

#### 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.

#### <u>Tech stack</u>: 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.



Git before GitHub

<u>Deploy your website on</u> **IPFS: Why and How** 

Polling reliably at scale using DLQs





**Open source** 

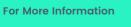


**Technical writing** 



**Brewing coffee** 

Hiking





This QR code redirects to my website tarunbatra.com

- Mentored new developers in the team.
- Worked closely with the business team to collect requirements.

#### SENIOR SOFTWARE DEVELOPER -

#### smallcase, Bengaluru | Oct 2017 - Jul 2020

I led the integrations team responsible to integrate with external vendors. Also managed the transactions platform.

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

- Integration team: Led the team of 3 and designed the system to easily integrate and implemented it for 7 partner brokers.
- Transaction system: Scaled to process > 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 various global startups remotely.

<u>Tech stack</u>: Node.js (Express, Hapi, Meteor), MongoDB, Redis, RabbitMQ, DynamoDB, AWS Elasticbeanstalk, AWS Lambda

**Highlights**:

- Handled server side development for a popular gaming startup.
- Developed back-end for a mortgage settlement platform.
- Involved in creating in-house re-usable components.
- Hired and mentored developers for the organization.



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

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

<u>Highlights:</u>

- 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".