

Tarun Patel

tarunpatel1860@gmail.com | +91 8818912564

EDUCATION

ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH

BE IN COMPUTER SCIENCE

2016-2020 | Indore, MP

VIDYA BHAVAN PUBLIC SCHOOL

12TH | C.B.S.E

2015-16 | Indore, MP

VIDYA BHAVAN PUBLIC SCHOOL

10TH | C.B.S.E

2013-14 | Indore, MP

SKILLS

PROGRAMMING

- Java • C++ • Scala
- Python • SQL

WEB

- HTML • CSS • JavaScript

DATABASE

- DynamoDB • MYSQL • Oracle

CLOUD COMPUTING

- AWS

FRAMEWORK/SOFTWARES

- Elasticsearch • GraphQL
- Junit • Spring Boot • gRPC

VERSION CONTROL SYSTEM

- Git • Github

INTERESTS

- Data Structures and Algorithms
- Distributed Systems

STRENGTHS

- Flexibility • Patience

HOBBIES

- Cricket
- Web Surfing
- Competitive Programming

LINKS

- Codechef:// [tarunpatel1860](#)
- LinkedIn:// [tarunpatel1860](#)
- Scaler: // [tarunpatel](#)

EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER - I

Sep 2021 – Jan 2023

- Built Regional In-stock Manager(RIM) system for **2 Million Sellers** on Amazon
- Designed, built & launched Restock Recommendation system for **293 Million** merchant full-filled offers on Amazon.in, which is **90 %** of all offers on Amazon.in, with opportunity to save **INR 54 Million**
- Designed, built & launched RIM for Inter-Cross Dock for **2 Million Sellers**, which implements hub and spoke distribution paradigm, this covers **25 %** of all inbound on Amazon.in
- Setup **automated systems** for processing large data from scratch.
- Handled **critical tickets** during on-calls, contributed in removing tech debts, upgrading Operational Excellence (OE), and **code reviews**
- **Tech Stack** : Java, Junit, AWS, GraphQL, DyanmoDB, Scala, Hadoop, ElasticSearch, Git, etc.

NURTURE.FARM | SOFTWARE ENGINEER

Apr 2021 – Sept 2021

- Built APIs for managing geo-spatial data, that persists real-time data collected from **10K** IoT Devices.
- Worked on integration of IoT devices with Server over TCP, with a peak traffic of **10K requests** per second.
- **Tech Stack** : Java, Junit, Golang, Mysql, gRPC, Docker

SKUAD | SOFTWARE ENGINEER

Aug 2020 – Mar 2021

- Built data pipelines to collect, filter and process **large data** of telecomm company for settlement
- Worked on creating dashboards to **visualize** and get insights from large data, Setup alarms and thresholds.
- **Tech Stack** : Abinitio, Hadoop, Elasticsearch, Grafana, Kibana

INTERNSHIP

PERSISTENT SYSTEMS | SOFTWARE ENGINEERING INTERN

Jan 2020 – Jun 2020

- Implemented auto-syncing functionality between Couchbase and Postgresql, and also built REST APIs to manage the database.

PROJECTS

HAIRCARE APP | ONLINE SALON BOOKING APP

- Built an Android app for online salon booking using JAVA, XML and Firebase. The users can make a booking at their favourite salon with preferred time slot and see the status of various salons.

ACHIEVEMENTS

- Launched **three** big scale projects within 1 year at Amazon
- Highest Rating of **1903 (4 stars)** on Codechef.
- Received direct interview invite from Amazon for being **top performer** in their Global Hiring contest
- Received **100% Scholarship** for Codechef Data Structures and Algorithms Certification after securing top **1 % rank** (2020)
- Secured Global Rank of **189** in Codechef October Long Challenge in Division-2