

# Tarun Patel

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## 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

- Vertx • Elasticsearch • GraphQL
- Junit • Spring Boot • gRPC

### VERSION CONTROL SYSTEM

- Git • Bitbucket

### INTERESTS

- GenAI
- Data Structures and Algorithms
- Distributed Systems

## STRENGTHS

- Curiosity • Flexibility • Patience

## HOBBIES

- Cricket
- Web Surfing
- Competitive Programming

## PROFILE LINKS

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

## EXPERIENCE

### VISA | SENIOR SOFTWARE ENGINEER

Mar 2023 – present

- Designed and built **Token based Authentication** for **1M** transaction processing for VISA cards, at the **API gateway** level with **Async Programming**
- Successfully **launched** pilot for the new product under Value Added Services
- **Mentored interns and freshers**, active contribution as **code reviewer** and setup **best practices** within the team
- **Automated mass operation** by developing scheduled jobs, which are highly available and reliable
- **Tech Stack** : Java, Vertx, Maven, Docker, HazelCast Cache, etc.

### 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

## ACHIEVEMENTS

- Successfully launched first pilot for a **new Product in VISA** (2024)
- Launched **three** big scale projects within 1 year at Amazon (2022-23)
- 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