

Varun Thakur

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EDUCATION

UNIVERSITY OF DELHI

MSC IN COMPUTER SCIENCE
2017 | Delhi, IND

UNIVERSITY OF DELHI

BSc (HONS.) IN COMPUTER SCIENCE
2015 | Delhi, IND

LINKS

StackOverflow:// 001vrn
GitHub:// 001vrn
Medium:// 001vrn
LinkedIn:// 001vrn
Twitter:// @001vrn

COURSEWORK

GRADUATE

Advanced Operating Systems
Design and Analysis of Algorithms
Machine Learning
Artificial Intelligence
Information Security
Compiler Design
Database applications
Data Mining

UNDERGRADUATE

Design and Analysis of Algorithms
Database Systems
Computer Network
Theory of Computation
Software Engineering
Operating Systems
Computer Graphics
Computer System Architecture

SKILLS

TECHNICAL SKILLS

- Java • Kotlin • Spring (Boot/MVC)
- Scaling • Performance tuning
- Distributed Systems • API design
- AWS • gRPC • System design
- PostgreSQL • MS SQL Server • SQL
- Cassandra • Scylla • DynamoDb
- Redis • Kafka • Avro • Agile(Scrum)
- JMeter • Docker • Wiremock
- GCP • Non-functional testing

SOFT SKILLS

- Communication • Mentor
- Public Speaker • Self-motivation
- Responsible • Problem-solving
- Teamwork • Leadership • Volunteer

WORK EXPERIENCE

DELIVERY HERO | SENIOR SOFTWARE ENGINEER

Jan 2022 - Present | Berlin, DEU

- Leading a team that manages 5K TPS tier 1 business-critical workloads
- Active contributor in Pandora Backend chapter meeting biweekly
- Writing Technical RFCs (architecture, reliability, and scaling) of systems
- Migrated Tier 1 workloads (2 apps + cache + DB) from GCP to AWS
- Joined as a Mid-level engineer in 2022, later on promoted to **Senior Engineer**
- Interviewing candidates in Java language for coding proficiency
- Worked on cloud cost-saving initiatives and saved \$330K monthly
- Improved existing data pipeline to process events with 98% less cost
- Participating in on-call and contributing to DH-wide WoR meetings
- Writing and reviewing code in **Java/Kotlin/Golang** using PostgreSQL, Redis
- Mentoring junior/trainee developers with the project ramp-up

EXPEDIA | SOFTWARE DEVELOPMENT ENGINEER III

Jan 2019 - Dec 2021 | Bengaluru, IND

- Building high-performance and low-latency APIs that scale easily for traffic
- Responsible for system design, implementation, testing, monitoring and on-call
- Promoted to **SDE III for meaningful and impact contributions** in Apr 2021
- Worked on ML-driven, temp closures(covid related) customer-facing features
- ScyllaDb migration to save cloud and licensing cost(est. \$2.7M annually)
- Re-engineered legacy systems and transitioned to an event-driven architecture
- Promoted to **SDE II for impactful contributions** in Aug 2020
- On-prem to AWS Cloud migration for components(4 apps + 2 DBs)
- Built data pipelines using Spring-Kafka, Avro schema to improve data-freshness
- Joined as an Associate SDE in Jan 2019, later on **promoted to SDE I**
- Wrote and reviewed code in **Java/Kotlin** using Spring boot, AWS, K8s, gRPC

QUOVANTIS | FULL-STACK SOFTWARE DEVELOPER

Nov 2017 - Jan 2019 | Noida, IND

- Working on Vatica Health - a US-based Healthcare SaaS product
- Design, develop and test software as per product requirements
- Wrote and reviewed code using C#, .NET framework, Angular
- Mentoring junior/trainee developers with the project ramp-up

ACHIEVEMENTS

- **Spot award - Hero Grant** for impactful contributions - Delivery Hero - 2022
- **Spot award** for exceptional meaningful contributions - Expedia Group - 2020
- Recognized as an **OSS contributor** - Expedia Group, Hotels.com - 2019
- Rewarded T-Shirt(s) for **open-source** contributions - Expedia Group - 2019
- Runner up at Hotels.com Global Hackathon(37 teams across the globe) - 2019
- Got invited to **F8** in San Jose, California, USA - Facebook - 2019
- Won 2 Alexa Echo Dot and a Limited Edition Alexa T-shirt - Amazon - 2018

POSITIONS OF RESPONSIBILITY

- Backend chapter lead, driving best practices adoption - Delivery Hero - 2023
- Covid-support warrior, volunteer during covid second wave - Expedia - 2021
- Mentor, mentored students for career development - Fb Dev Circle: Delhi - 2018
- Speaker, gave a talk on Alexa Skill Development - Fb Dev Circle: Delhi, NCR - 2018
- Judge, for Spin-a-Hack, MakeAPP competition in Sankalan - Tech Fest DUCS - 2018