Varun Thakur

001vrn.github.io | linkedin/001vrn
varun13thakur@gmail.com | Total Experience: 8+ years

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**
Facebook:// **001vrn**
Twitter:// **@001vrn**

SKILLS

TECHNICAL SKILLS
• C# • dotnet • Azure
• CosmosDb • Troubleshooting
• Operational excellence • Debugging
• Java • Kotlin • Spring (Boot/MVC)
• Golang • Performance tuning
• Distributed Systems • API design
• AWS • gRPC • System design
• Databases • MS SQL Server • SQL
• Cassandra • Redis • Kafka • Avro
• GraphQL • Agile(Scrum) • Typescript
• JMeter • Docker • Wiremock
• Google cloud • Non-functional testing

SOFT SKILLS
• Communication •Data-driven • Mentor
• Public Speaker • Self-motivation
• Responsible • Problem-solving
• Teamwork • Leadership • Volunteer

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

WORK EXPERIENCE

MICROSOFT | Software Engineer II - L62
May 2025 - Present | Prague, CZE
- Improving scalable data ingestion pipeline for **GDPR-compliant** messaging workflows, maintaining 99.999 for QoS
- Applied secure design principles as team security lead, preventing high-privileged access to customer data
- Working on improving QoS for tier 0 workflows - data migration, deletion, & retention in a secure-compliant manner

DELIVERY HERO | Senior Software Engineer (SE II -> SSE)
Jan 2022 - May 2025 | Berlin, DEU
- Architected and led development of **Global Menu Backend**, a distributed async system, GDPR compliant, serving millions across 70+ countries.
- Designed **mass product update automation**, reducing manual effort by **90%** & accelerating local market operations.
- Drove **$330K/month** in cloud cost savings by redesigning data pipelines, optimizing storage, & infrastructure usage.
- Led **on-call rotation planning and incident reviews**, reducing MTTR, improving security score, and fostering a reliability-focused engineering culture
- Authored technical RFCs, mentored junior engineers, and **conducted 50+ interviews**, actively involved in back-end chapters and organization-wide initiatives

EXPEDIA | Software Development Engineer III (SDE I -> SDE III)
Jan 2019 - Dec 2021 | Bengaluru, IND
- Led design and implementation of low-latency high traffic Property Content Services, improving booking conversions by 5% across the organisation
- Architected real-time and event-driven systems using Kafka, Avro, and Spring, replacing legacy monoliths to improve scalability and data freshness
- Drove **ScyllaDB migration, saving $2.7M annually** & boosting performance 3x, led to cloud migration of 4 services + 2 DBs to AWS
- Partnered cross-functionally to deliver ML-powered features during COVID-19
- Ensured high service availability via **K8s, gRPC, and robust monitoring**
- Mentored junior engineers, contributed to hiring panels and was promoted to **SDE II (2020)** and **SDE III (2021)** for impact and leadership

QUOVANTIS | Full-stack software developer
Nov 2017 – Jan 2019 | Noida, IND
- Built reusable Angular components for Vatica Health SaaS platform
- Designed and deployed backend features using C#, Redis, SQL Server
- Mentored interns and juniors on development and testing workflows
- Doing PoCs and researching new technologies - Python, Machine learning

AWARDS & RECOGNITIONS

- **Spot award - Hero Grant** for impactful contributions - Delivery Hero - 2022, 2024
- **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

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