

VARUN THAKUR

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Professional Experience (Total: 3+ year)

- **Associate SDE - [Expedia Group](#) - Jan 2019 - (Present)**
 - Working as a backend software developer with [Hotels.com](#)(now part of Expedia Group)
 - Working with HCom Geo team(solely responsible for GEO and TFN components) and GEO platform team
- **Software Engineer - [Quovantis Technologies](#) - November 2017 (1 year 3 months)**
 - Full-stack web development using ASP.NET C#, Angular 4 for a US-based healthcare company
 - Writing automated unit tests to increase code coverage and testability

Technical Exposure

Language Skill Set	Java, Kotlin, JavaScript, Typescript, C++, C, C#
Development Framework	Spring MVC, Spring Boot, .NET Web MVC, .NET Web API
Design and Modelling skillset	Object-Oriented Analysis and Design, MVC Architecture, Agile Development (Scrum), Algorithms, Data Structures
Operating System	Mac, Windows, Linux
DBMS packages	<ul style="list-style-type: none">● SQL Server, Oracle 10g, MySQL● Cassandra, AWS DynamoDb
Queueing Technologies	Apache Kafka
IDEs	IntelliJ IDEA, Visual Studio, Cloud 9, Xcode, Eclipse
Version Control	Git, TFS
Issue Tracking	JIRA, Github, Bitbucket, Trello
Testing & Misc	JUnit, TestNG, TestContainers, Splunk, Grafana, Tomcat, Lucene, Jmeter

Academic Background

Year	Degree	University/Board	Institution
2017	M.Sc. (Computer Science)	University of Delhi	Department of Computer Science(DUCS)
2015	B.Sc. (Hons.) Computer Science	University of Delhi	Shaheed Sukhdev College Of Business Studies(CBS)

Achievements

- Recognized as an **OSS contributor** - Expedia Group, Hotels.com - 2019
- Rewarded a T-Shirt for **open source contributions** in the **community-driven projects** - Expedia Group - 2019
- Runner up at **Hotels.com [Global Hackathon](#)**(Team Se7en) - 2019
- Got invited to **F8** in **San Jose, California, USA** - Annual Developer Conference by **Facebook** - 2019
- Won **2 Alexa Echo Dot** and a **Limited Edition Alexa T-shirt** - [Alexa Skills Challenge: Kids](#) - 2018
- **1st Division** in **Post-graduation** - 2017
- **1st Prize** in **MakeAPP** Intra **Sankalan** - 2016
- **2nd Prize** in **IT Tambola** - **TechMelange** - Annual Tech Fest of Shaheed Rajguru College - 2016
- **1st Division** in **Graduation** - 2015
- **3rd Prize** in **Decode** (coding event) **Sanganak** - Annual Tech Fest of CBS - 2015

- **318 AIR** in **NIMCET**, got **NIT Warangal** - 2015
- Cracked **DUMSC(CS)** Entrance, **DUMCA** Entrance, and **DUMSC(OR)** Entrance - 2015
- Secured **100% marks** in **Data Mining** in **BSc(Hons) Computer Science** - 2015
- Rewarded **Nokia Lumia** and **Asha Phones** from **Microsoft** for mobile application development - 2013
- Rewarded \$100 by **Appbackr** for developing **DrumSet** mobile app for **Tizen Mobile OS** - 2013
- Rewarded \$50 by **Amazon** for porting **DrumSet** to **Amazon FireOS** - 2013
- Rewarded **Flipkart** Vouchers worth INR 8000 from **Microsoft** for mobile application development - 2013

Positions of Responsibility

- Worked as **Speaker**, gave a talk on Alexa Skill Development at **Facebook Developer Circle: Delhi, NCR** - 2018
- Worked as **Judge**, for **Spin-a-Hack** competition in **Sankalan** - Annual Tech Fest of DUCS - 2018
- Worked as **Codechef SnackDown Representative** responsible for promotion - 2017
- Worked as **Senior Coordinator** for **MakeAPP** competition in **Sankalan** - Annual Tech Fest of DUCS - 2017
- Worked as **Junior Coordinator** for **MakeAPP** competition in **Sankalan** - Annual Tech Fest of DUCS - 2016
- Worked as **Senior Coordinator** for **Decode(Coding Event)** in **Sanganak** - Annual Tech Fest of CBS - 2013

Projects Undertaken

- **Hotels.com** (Expedia Group)
 - Working on two components - GEO & TFN along with 7 engineers
 - **Role and Responsibilities**
 - Participating in all scrum meetings, analyze and understand requirements, roadmap in-depth
 - Performance testing for Tier 1 components owned by the team
 - Design and implementation of low-latency, high-availability, and performing applications
 - AWS Cloud migration for components owned by the team
 - Cloud-native logging integration, Kubernetes helm based deployments
 - Bug fixing, Feature implementation, Refactoring, Code reviews, Documentation, Chat support
 - Technologies used: Java, Kotlin, Spring MVC, Spring Boot, Cassandra, Lucene, MS SQL Server 2016, Docker, Grafana, AWS Lambda, AWS S3, AWS DynamoDb, Kubernetes, Apache Kafka, Jmeter
- **Vatica Health** (Quovantis)
 - Working on this project as a Full-stack web developer with a team of 30 engineers
 - **Roles and Responsibilities**
 - Participating in all agile meetings, analyze and understand all the requirements in-depth
 - Design and develop software in a way that exceeds expectations of end-users
 - Writing automated unit tests, assist the quality team in the automation of tests
 - Assist in performance and security testing, research and innovate to find the best solution
 - Technologies used: ASP.NET MVC 4.5, Web API 2, EF6, Angular 4, Typescript
- **Soundify** (Self)
 - An Alexa skill that interacts with the user by prompting a sound and user has to identify it
 - 500 plus unique customers on US Alexa Store
 - Technologies used: Node.js, AWS Lambda, S3
- **VR Badminton game using Unity3D** (Digital Jalebi)
 - developed badminton game physics using **Unity3D** engine
 - implemented the scoring system in **C#** and environment supports both **Oculus** and **HTC Vive**
- **Chat Server Application using Socket Programming in C/C++** (Self)
 - developed the application that provides instant messaging service using **Unix Domain Sockets**
 - capabilities to log in, register, lobby status, and authentication of the user

Interests

- Freestyle Swimming, Avid Cyclist, Playing Table Tennis, Badminton, Participating in Hackathons.
- Trustworthy technical troubleshooter for my friends and relatives