VARUN THAKUR   varun.mcs.du.2015@gmail.com   +91-9716810761

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/Boot, .NET Web MVC/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	• MS SQL Server, Oracle 10g, MySQL • AWS DynamoDb, Cassandra
Queueing Technologies	Apache Kafka with Schema Registry
IDEs	IntelliJ IDEA, Visual Studio, Cloud 9, Xcode, Eclipse
Version Control	Git, TFS
Issue Tracking	JIRA, Github, Bitbucket, Trello
Build pipeline	Jenkins, Bamboo
Testing & Misc	JUnit, TestNG, TestContainers, Cucumber, 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

Positions of Responsibility

- Worked as **Speaker**, gave a talk on Alexa Skill Development at **Facebook Developer Circle: Delhi, NCR** - 2018
- Worked as **Mentor**, mentored students for career 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 as a Java Backend developer along with 7 engineers
  - **Role and Responsibilities**
    - Participating in each phase of SDLC - requirements, design, implementation, testing, monitoring
    - AWS Cloud migration for components(pipelines, services) owned by the team
    - Cloud-native logging integration, Kubernetes(k8s) helm based deployments
    - JVM tuning, Memory profiling, Cost optimizations in AWS
    - Integration of microservices with Haystack/Zipkin to get telemetry data around latency
    - Building robust Splunk dashboards to enhance monitoring capabilities
    - Writing Kafka queue consumers using Spring-Kafka
    - Bug fixing, Feature implementation, Refactoring, Code reviews, Debugging, Troubleshooting, Documentation, Operational support
  - Technologies used: Java, Koltin, Spring MVC/Boot, Cassandra, Lucene, MS SQL Server, Docker, Grafana, AWS Lambda, AWS S3, AWS DynamoDb, Kubernetes, Istio, 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, implementation, and testing of software in a way that results in bugfree production code
    - 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