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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 Shopping team(solely responsible for Landing pages and enrichment of data on it)
  - Worked with HCOM Core Services team(solely responsible for property inventory and phone numbers)
- **Software Engineer** - Quovantis Technologies - **Nov 2017 - Jan 2019** (1 year three 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

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|---|---|
| **Language Skill Set** | Java, Kotlin, JavaScript, Typescript, C++, C, C# |
| **Development Framework** | Spring MVC/Boot, .NET Web MVC/API |
| **Design and Modelling skills** | Object-Oriented Analysis and Design, MVC Architecture, Agile Development (Scrum), Algorithms, Data Structures |
| **Operating System** | Mac, Windows, Linux |
| **DBMS packages** | <ul><li>MS SQL Server, Oracle 10g, MySQL</li><li>ScyllaDb, AWS DynamoDb, Datastax Cassandra</li></ul> |
| **Cache** | Redis, AWS Elasticache |
| **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(37 teams across the globe) - 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 **DU MSC(CS)** Entrance, **DU MCA** Entrance, and **DU MSC(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)**
  - Team - **HCOM Shopping Services** - PDP & suite of business services as BE Developer with 11 engineers
  - **Role and Responsibilities**:
    - Participating in SCRUM with members of a distributed team(NORAM, EMEA, APAC)
    - API integration with downstream services, using MVT to control, identify winning variant
    - Adding fault-tolerance, resilient capabilities to components/services
    - Owning releases for services, config-packs, libraries and communicating to stakeholders
    - Tiger support and troubleshooting for business exceptions and priority issues
    - Bug fixing, Feature implementation, Refactoring, Code reviews, Debugging, Operational support
  - **Technologies used:** Java, Kotlin, Scala, gRPC, Akka, Spring MVC/Boot, GraphQL, ScyllaDb, Redis(AWS), Cassandra(DSE), DynamoDb, Docker, Kubernetes, Istio, Jenkins, Bamboo, Splunk, Prometheus, Grafana
  - Team - **HCOM Core Services** - GEO & TFN as a Java Backend developer along with seven 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
    - Architecture contribution to migrate legacy systems to the EG platform
    - 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/Grafana dashboards to enhance monitoring capabilities
    - Writing Kafka queue consumers using Spring-Kafka, Avro schema
    - Bug fixing, Feature implementation, Refactoring, Code reviews, Debugging, Operational support
  - **Technologies used:** Java, Koltin, Spring MVC/Boot, Cassandra(DSE), Lucene, SQL Server, Docker, Lambda, S3, DynamoDb, Kubernetes, Istio, Kafka, Avro, Jmeter, Bamboo, Jenkins, Splunk, Grafana, Graphite
- **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, Typescript, HTML, CSS, Webpack, Jasmine