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

Work Experience (Total : 1+ year)

- **Software Engineer** - Quovantis Technologies (quovantis.com) – **November 2017** (till date)
  - Full-stack web development using ASP.NET, Angular 4
- **Software Developer - Intern** - Digital Jalebi (digitaljalebi.com) – **August 2017** (4 months)
  - Building solutions using Unreal engine in C++ and Unity3D engine in C#
  - Developing AR/VR applications across various platform.
- **Mobile Game Developer - Trainee –** Blacklight Studio Pvt Ltd (blacklightsw.com) – **June 2017** (3 months)
  - Game development using Unity game engine, extensive coding in C#
  - Developed 2d, 3d games and ported them to VR platform (Google Cardboard)
- **Junior Android Developer** - **Intern** - Rootmap Solutions Pvt Ltd (next2metro.com) – **June 2015** (1 month)
  - implemented core search functionality and basic layout
  - incorporated Google Maps API, 500K plus downloads on Google Play Store

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

- Won **2 Alexa Echo Dot** and a **Limited Edition Alexa T-shirt** - Alexa Skills Challenge: Kids - 2018
- Published an article on **GeeksForGeeks** - 2017
- **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** Entrance, **DUMCA** Entrance and **DUMSC(OR)** Entrance - 2015
- Secured **100% marks** in **Data Mining** in **BSc(Hons) Computer Science** - 2015
- **Million plus downloads** on **Nokia Ovi Store** for the web apps developed using **HTML**,**CSS** and **JS** - 2014
- **35K plus downloads** on **Windows Phone store** for the apps developed using **C#** and **XAML** - 2014
- 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
- Worked as **Organising and Core Committee member** - **KRONOS** - Tech Society of CBS - 2012-13

Technical Exposure

- **Programming Languages**   : C, C++, JAVA, C#
- **Operating System**   : Ubuntu, Windows, Mac OS
- **DBMS packages**   : Oracle 10g, MySQL, MS SQL Server
- **IDEs**   : Cloud 9, Xcode, Visual Studio, Android Studio, Eclipse

Projects Undertaken

- **Vatica Health (Quovantis)**
  o Working on this project as a Full-stack web developer with a team of 30 engineers
  o **Roles and Responsibilities**
    ▪ Participating in all agile meetings, analyze and understand all the requirements in-depth.
    ▪ Design and develop software in a way that it exceeds expectations of end users.
    ▪ Writing automated unit tests, assist quality team in automation of tests.
    ▪ Assist in performance and security testing, research and innovate to find the best solution.
  o Technologies used : ASP.NET MVC 4.5, Web API 2, EF6, Angular 4, Typescript
  o Link : https://vaticahealth.com/
- **Soundify (Self)**
  o An Alexa skill that interacts with the user by prompting a sound and user has to identify it.
  o 200 plus unique customers on US Alexa Store
  o Technologies used : AWS Lambda, Node.js
  o Link : https://goo.gl/sxT88W
- **JIRA monitoring system (Quovantis)**
  o POC for monitoring JIRA activities
  o Developed using .NET Web API and Angular 4
  o Link : https://goo.gl/QYBhYe
- **VR Badminton game using Unity3D (Digital Jalebi)**
  o developed badminton game physics using Unity3D engine
  o implemented score system in C# and environment, supports both Oculus and HTC Vive
  o Link : https://goo.gl/QYBhYe
- **Tanks game using Unity3D (Blacklight Studio)**
  o developed a multiplayer tank game in C#, enemy tanks has AI capabilities to shoot and patrol
  o ported the game to support VR platform(Google Cardboard)
  o Link : https://goo.gl/b6P692
- **Chat Server Application using Socket Programming in C/C++ (Self)**
  o developed the application that provides instant messaging service using Unix Domain Sockets
  o capabilities to login ,register and lobbystatus of user, managing registration and authentication of user
  o Link : http://goo.gl/V6qzTS
- **Sankalan 2016 Android app (Self)**
  o developed the mobile application for **Sankalan** - Annual Tech Fest of DUCS - 2016
  o implemented Push Notifications using **Google Cloud Messaging** API and **Google Maps** API
  o Link : http://bit.ly/28WmMBZ

Certifications

- Certified in **Design and Analysis of Algorithms (DAA)** by **Microsoft Research India** through **MEC** - 2014
- ABC Tier **Competent** on **Microsoft TechElite Center** - 2014

Interests

- Exploring internet for latest technologies like VR, Gesture Control Input
- Trustworthy technical troubleshooter for my friends and relatives
- Watching TV shows and Movies, Playing Table Tennis, Badminton, Participating in Hackathons.