

# A Madhav Bharadwaj

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**GitHub:** <https://github.com/madhavbharadwaj>

**Website/Portfolio:** <https://madhavbharadwaj.github.io>

**LinkedIn:** <https://www.linkedin.com/in/madhav95>

**Location:** Bangalore, India

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*Passionate about building software products which creates value to people.*

## Qualification Summary:

Competent in writing elegant, clean and re-usable code.

Good understanding of OOPS and Databases.

Willingness to work in small teams and be a part of young and vibrant start-up.

Excellent analytical and problem-solving skills.

Trained for building apps from thunkable.

Eager to learn testing and new JavaScript frameworks.

## Projects:

### **Ignitarium Technology Solutions Private Limited (6 months Internship)**

- Currently working as an Intern in Mobility team.

### **Absolute Stash (Mini Project)** – Android Application, Project Tracking Application

- Android SDK, Java
- **MongoDB** (NoSQL)
- REST-APIs (**Node JS**)

### **BMS-YOGA (2 months Internship)** – Android Application, Yoga Class Scheduling Application

- Android SDK, Java

### **Product Costing**– Android Application (QR Code Scanner)

- **ZXing** ("Zebra Crossing") scanning library in Java (GitHub)

### **Automatic Street Lights** – IoT based solution for Smart City

- Arduino, Light Dependent Resistor (LDR)

### **Calculate Now** – Android Application, Calculating Grade Points(BMSCE) (*Self*)

- Android SDK, Java

### **ACT-Usage-Monitor** – Python Desktop application, Fibernet Data Usage Monitor (*Self*)

- Worked with **python frameworks** like **Beautiful Soup**, **Matplotlib**, **Selenium**

### **BMSCE-Results-Notifier** – Python Desktop application, Trigger notifications when Results are announced (*Self*)

- Worked with **python frameworks** like **Beautiful Soup**, **HTML Parser**, **Selenium**

### **BMSCE Department Website** - Web Application, MCA Dept. Management

- **UI/UX** with **Bootstrap** and **Material Design Lite**

### **Quiz App** – Android Application, Computer Science Quiz (*Self*)

- **Android SDK, Java**
- **Trained by 'thenewboston'**

**Score-Keeper-App** – Android Application, Basket Ball Score Manager (*Udacity Course*)

- **Android SDK, Java**
- **Trained by Udacity**

**Arm of the Law** – Web Application, Controlling Police Organization (*Project Leader*)

- **Front-End: HTML/CSS**
- **Server-Side Scripting: PHP**

**Duo-Lingo** – Desktop Application using Visual Basic 6.0, C and C++ Learning Platform (*Project Leader*)

- **Contents from Tutorials Point (basic concepts)**

**Student Report Card Generator** - C++ Application (12<sup>th</sup> Std)

- **Worked with Graphical Library**

## Skills:

### Web

- **HTML, CSS, JavaScript, Bootstrap, Knockout JS, Material Design** and other web technologies
- **Git and GitHub and XML**
- **React.js**

### DBMS

- **MySQL, SQL** and related **RDBMS** technologies along with **NoSQL**

### Mobile

- **Android Application Development**

### Others

- **Can Write APIs on:**
  - **Python**
  - **Node JS**
- **Windows Desktop Application Development**
- **Python, Java, and Visual Basic .NET**
- **Photoshop (Image Editing)**
- **Sony Vegas, After Effects (Video Editing)**
- Building **gaming** plugins using **AMXMODX**

## Certifications:

- Secured 2<sup>nd</sup> Place in **Web Designing** held at BMSCE Phaseshift, earned on 16<sup>th</sup> September 2018
  - Theme: Space and Satellites (**Bootstrap, jQuery**)
- Secured 1<sup>st</sup> Place in **Hackathon** sponsored by **Hackerearth** and **Mozilla**, earned on 7<sup>th</sup> September 2018
  - Developed a **Mozilla Firefox plugin** for visually impaired.
- **IEEE Xtreme 11.0** programming competition, earned on October 2017
  - **Rank: 218/472 (India)**
  - **Rank: 1391/2121 (All Regions)**
- **Internet of Things and Analytics** Workshop, earned on October 2017
- **Android Basics: User Input** at Udacity, earned on July 2017
- **Android Basics: User Interface** at Udacity, earned on May 2017
- **Learn Python** by **Codecademy**, earned on Oct, 2016
  - **Game in Python Mini-Battleship**

## Academic Qualifications:

**MCA** | 2019 | BMSCE, (Autonomous Under VTU) – **8.57 CGPA** (*pursuing*)

**BCA** | 2016 | PESIT, (Bangalore University) – **61.84%**

**Class 12<sup>th</sup>** | 2013 | Kendriya Vidyalaya, (CBSE) – **57.2%**

**Class 10<sup>th</sup>** | 2011 | Kendriya Vidyalaya, (CBSE) – **6.6 CGPA**

## Interests:

Gaming | Coding | TV Shows

## Extra:

- Participated in various inter-college programming competitions.
- Setting up dedicated servers.
- Redditor.