

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

Passionate about gaming and 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:

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 (12th STD)

- **Worked with Graphical Library**

Experience:

- **Ignitarium Technology Solutions Pvt Ltd**

- Total: 8 months**

- Duration : June 2019 – Present (3 months)
 - Role : Associate Engineer
 - Duration : Jan 2019 – May 2019 (5 months)
 - Role : Project Intern

Skills:

- **Full Stack Web Developer React, Redux & Node.js (MERN Stack Developer)**

- **Frontend**
 - React with Redux
 - **Backend**
 - Schema Design and Data Modeling in MongoDB
 - Building RESTful APIs in Node.js

- **Mobile Application Developer**

- **Operation System**
 - Android
 - **Languages known**
 - Kotlin and Java
 - **Front-End**
 - Material Design Android
 - **Worked on**
 - Integration of Firebase Authentication , MLKit
 - Android Volley
 - ZXing Library

- **Flutter**

- **Languages known**
 - Dart to Build iOS & Android Applications
 - **Front-End**
 - MaterialApp
 - **Worked on**
 - State Management (Scoped Model and Provider)
 - Integration of Firebase Authentication , Real-time Database

Others:

- Agile Software Development and SCRUM Framework.
- 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:

- **Learn Flutter & Dart to Build iOS & Android Apps**, earned on 10th July 2019
 - Developed a shopping application.
 - **Credential** : <https://www.udemy.com/certificate/UC-CY0YFT05/>
- **MERN Stack Front To Back: Full Stack React, Redux & Node.js**, earned on 17th April 2019
 - Developed a social media application for Developers.
 - **Credential** : <https://www.udemy.com/certificate/UC-XNH66BM0/>
- Secured 2nd Place in **Web Designing** held at BMSCE Phaseshift, earned on 16th September 2018
 - Theme: Space and Satellites (**Bootstrap, jQuery**)
- Secured 1st Place in **Hackathon** sponsored by **Hackerearth** and **Mozilla**, earned on 7th September 2018
 - Developed a **Mozilla Firefox plugin** for visually impaired.
- **IEEEExtreme 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 October 2016
 - **Game in Python Mini-Battleship**

Academic Qualifications:

MCA | 2019 | BMSCE | (Autonomous Under VTU) – **9.29 CGPA**

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

Class 12th | 2013 | Kendriya Vidyalaya | (CBSE) – **57.2%**

Class 10th | 2011 | Kendriya Vidyalaya | (CBSE) – **6.6 CGPA**

Extra:

- Passionate in playing PC Games.
- Participated in various inter-college programming competitions.
- Setting up dedicated servers in gaming.
- BMSCE Phaseshift Event Co-Ordinator.
- Redditor.