Mohan Kumar

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B.Tech - Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Indian Institute of Technology, Guwahati	8.29 (Current)	2018-Present
Senior Secondary	CBSE Board	89.8%	2018
Secondary	CBSE Board	9.8	2016

EXPERIENCE

- **Gobillion Pvt. Ltd.** *May 2020 - July 2020*
  Application development Intern play.google.com/gobillion
  - Responsible for creating the complete MVP Android app with **backend in NodeJS** and database in **MongoDB**.
  - Worked with **RESTAPI** with **token-based authorization** in the backend and followed the **MVVM Architecture** to create the application with **Room persistent library** and **Retrofit** for local database and API call respectively.
  - The application consist of eCommerce related flow and a completely new team buy feature. I was working with the RESTAPI developer, design team, and business team to understand the requirement and add the features according to design.

PROJECTS

- **Alcheringa Android app** *Dec. 2019 - Jan. 2020*
  Alcheringa (annual cultural festival of IIT-G) play.google.com/alcheringa
  - Worked as a core team member of the first Android app for Alcheringa (with MYSQL database and RestAPI in PHP) having features to show events and their timing, manage team members, receive event-related updates, participate in contests and news feeds related to Alcheringa.
  - Created Admin side app to manage the notifications and news feeds.
- **Anonymous Chatting Application** *Dec. 2019 - Dec 2019*
  Personal Project github.com/anonymousChat
  - Created an application to bring the Counsellors, mentors and people together on this platform to share their problem anonymously, receive the guidelines from mentors/counsellors and also chat anonymously with them.
  - Used Firebase database for the backend
- **OneStop Android app** *October 2019 - current*
  SWC IIT Guwahati play.google.com/Onestop
  - Integrated the notification feature using **Firebase functions** and **volley library** in the existing OneStop app.
  - Added the feature to send notifications to different group of people using **Firebase topic** in the Admin side app.
- **Other Projects**
  Personal Projects
  - Invoice generation with PHP, Firebase, FPDF (github.com/invoice)
  - Color predictor game in JavaScript (mohan.com/colorGame)
  - Todo application in Javascript (mohan.com/todoApp.com)
  - Data scrapper from different websites using Python Beautyful soup library (github.com/beautifulSoup)

TECHNICAL SKILLS

- **Programming**: C/C++, Java, Python*, Kotlin*
- **Web Technologies**: HTML, CSS, JavaScript, NodeJS*
- **App Technologies**: Android Studio
- **Database**: Firebase, SQL, MongoDB*
- **Operating System**: Windows, Linux* ** Elementary proficiency*

KEY COURSES TAKEN

- Data Structures
- Algorithms
- Computer Architecture and Organisation
- DBMS (theory/lab)
- Formal Language and Automata
- Number Theory
- Discrete Maths
- Probability & Random Processes

POSITIONS OF RESPONSIBILITY

- **Android Development head**, Coding Club, IIT Guwahati *June. 2020 - current*

ACHIEVEMENTS

- **JEE Main**, Secured 2256 rank over 1.3 Million students across India *2018*
- **JEE Advance**, Secured 1961 rank over top 0.25 Million students across India *2018*
- **Coding**, CodeForces Rating 1702 (**codeforces/mohan**) and CodeChef rating 1800 (**codechef/mohan**)