Mohan Kumar

Roll No.:180101042
B.Tech - Computer Science and Engineering
2018 to 2022
Indian Institute Of Technology, Guwahati

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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 **RESTful APIS** 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.

PROJECTS

- **Docmed Health Solution Android app** *May. 2019 - July. 2019*
  Personal Project Github
  – Created Android application with features like search Doctors in your area, book appointment, cancel and reschedule with notification and email integration using firebase.
  – Created Doctor side application to manage the bookings by doctors

- **Alcheringa Android app** *Dec. 2019 - Jan. 2020*
  Alcheringa (annual cultural festival of IIT-G) playstore
  – 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.

- **OneStop Android app** *October 2019 - current*
  SWC IIT guwahati Playstore
  – Integrated the notification feature using **Firebase functions** and **volley library** in the existing One stop android app.
  – Added the feature to send notifications to different group of people using **Firebase topic** in the Admin side app.

- **Anonymous Chatting Application** *Dec. 2019 - Dec 2019*
  Personal Project Github
  – 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

- **Other Projects**
  Personal Projects
  – Color predictor game in JavaScript (WebSite)
  – Todo application in Javascript (WebSite)
  – Invoice generation with PHP, Firebase, FPDF (Github)
  – Data scrapper from different websites using Python Beautyful soup library (Github)
  – Website to list, rate and review the leaders of India based on their past works (Github)
  – Android app to provide study material and video lectures(youtube API) to students (Github)

TECHNICAL SKILLS

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

Key courses taken

- **Mathematics**: Number Theory, Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes

- **Computer Science**: Basics of C,Data Structure and Algorithm,Computer Architecture and Organisation,Database Management System, Formal Language and Automata theory

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*
- **KVPY**,Reached till Interview round   *2018*

Hobbies

- **Painting**: Got 2nd prize in all over Bihar in class 2 (2008)
- **Musical Instruments**: Love to play Congo, Harmonium, Tabla*, Voilin*