Amit Kumar

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EDUCATION

NIT CALICUT
B.TECH CSE
JULY 2019 - ONGOING
CGPA: 9.15/10

S.I.S, GURGAON
INTERMEDIATE
2017 - 2019
PERCENTAGE: 96
MATRICULATION
2015 - 2017
CGPA: 10

SKILLS

Languages:
C++, Python, JAVA, SQL, Javascript
Frameworks:
NodeJs, React-Native, ExpressJs, ReactJs, AngularJs 1.x
Tools:
Git, Docker, MySQL, MongoDB
Platforms:
Linux, Web, Android, Firebase

COURSEWORK

Compiler Design
Computer Networks
Data Mining
Data Structures and Algorithms
Operating Systems
Database Management Systems
Computer Organisation

LINKS

Github:// **aktgb31**
Codechef:// **aktgb_31**
Codeforces:// **aktgb_31**
Atcoder:// **amit_kr**
Leetcode:// **amit_kr31**
Stopstalk:// **aktgb_31**
Hackerrank:// **amit_b190343cs**

HOBBIES

Exercising • Listening to music
Coding • Gaming • Thinking
Playing and watching cricket

WORKING EXPERIENCE

GOOGLE | SWE Intern
May 2022 - July 2022 | Remote
- Languages : C++, Typescript
- Identified memory metrics generated during compilation of ML models for edge TPUs and implemented a way to store and visualize it.
- Created panel in front-end to display the above information.
- Wrote unit and end-to-end tests for the above feature.

QUEUEME | SDE Intern
Dec 2021 - Jan 2022 | Remote
- Languages : Python, CSS, HTML, Javascript,
- Other tools and frameworks : AngularJs 1.x, Google Firebase, GoogleMaps Api.
- Built dashboard for the company's product and internal use.

ACHIEVEMENTS

- **Kickstart Round C 2022**   Ranked **387**   Out of 10k+ participants
- **Hashcode 2022**   Ranked **647**   Out of 9k+ teams
- **Leetcode**   Rating:**2560**   Among Top 50 Indians
- Other Ratings : **Codeforces : 1747 Expert** | **Codechef : 2028 5 Star**
- Solved **2900+** problems (Reference)on various sites using C++.
- Ranked 2521/6789 in Round 2 Facebook Hackercup 2021.

PROJECTS

CLUB APPLICATION | React-Native | Google Firebase
Jan 2021 – Apr 2021 | Source code 🔗.
- Built android application using React-Native for managing club activities.
- Used google firebase for authentication, sending notifications.
- Designed database schema and wrote queries for Google Firestore.

BASIC E-COMMERCE WEBSITE | NodeJs, ExpressJs, MongoDB
Dec 2021 | Source code 🔗.
- Built express back-end to receive requests and render dynamic web page.
- Designed database schema and managed database in MongoDB.

SOCIAL MEDIA SYSTEM | NodeJs, ExpressJs, MYSQL, ReactJs
Oct 2021 – Nov 2021 | Source code 🔗.
- Built an API service using Express to receive and serve json requests.
- Built front-end using reactJs to display data recieved from back-end.
- Design database schema and implemented using MySql.

VOLUNTEER EXPERIENCE

CP HUB | President | Bot Admin
Sept 2020 - Present | NIT Calicut
- Built,managed and hosted discord bots on azure for various club operations.
- Conducted coding contests and workshops on DSA and other software tools.

CSEA | Senior Executive
Sept 2021 - Present | NIT Calicut
- Mentored juniors in academics, coding and took classes on C programming.