JAKARIA HUSSAIN

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EDUCATION

Bachelor of Technology, Computer Science   88.4% | May 2022
NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR
Coursework: Data Structures; Algorithms; OOPs; DBMS

Higher Secondary, Science   91.4% | Mar 2017
JAWAHAR NAVODAYA VIDYALAYA, KARIMGANJ
Coursework: Physics; Chemistry; Mathematics; Computer

WORK EXPERIENCE

IACADEMIA | SOFTWARE DEVELOPER INTERN   WFH | May 2021 – June 2021

- Design, develop and implement applications appropriate to business needs and requirements.
- Followed Agile Software Development Life Cycle to build various features with good problem-solving techniques.
- Build REST API that meets all the end-to-end **CRUD** operations along with debugging and coding new features.
- Configured and set up the **VCS** using **GitHub** and trained other interns regarding remote contribution.
- Software and Frameworks used: MongoDB, ExpressJS, NodeJS, Pencil, Git.

PROJECTS

COMPLAINT RESOLUTION & TRACKING SYSTEM ⬈   JAVA, NODE, EXPRESS, MONGODB

- Build an **Android** Application along with the back-end **API** in NodeJS.
- Designed and Developed the product as per the users needs and requirements.
- Used **OOPs** concepts and **MVC** architecture throughout the software.
- Prepared flowchart and **DB Schema** as per the specifications along with technical documentation.
- Reduced the complaint resolution time by more than **30%** due to the digitalization of the process.

SAFECAMERA WEBAPP ⬈   HTML, CSS, JAVASCRIPT, GIT, INDEXEDDB

- Translated the idea of a fast and secure camera web application into full-fledged software.
- **Deployed** and Debugged simultaneously in the remote repository of the released application.
- Maintenance of the software with **continuous integration** of new features.

TECH INVOLVEMENTS

CodeForces: Solved around **600+ algorithmic** questions and have a max rating of 1375.
Scaler Academy: Solved around **400 DSA** questions and have a streak of more than 200 days of problem solving.
LeetCode: Solved around 150 good quality **problems** and uploaded the solution with proper **documentation**, available **here**.
Salons Nearby: Serving as a **bridge** between users and the developers of the startup to fulfill the requirements of both.
Easy Exchange App: Collaborated with developers to build, design **UI/UX** and created an excellent communication between them.

SKILLS

Languages: C/C++, Java, C++ STL   **Databases:** MySQL, MongoDB, IndexedDB
Web Frameworks: React, HTML/CSS, JavaScript   **Technology:** Git, Jupyter Notebook, Android

ACHIEVEMENTS

OyesterConnect: Listed in the wall of fame among the **best** competition analyst by OysterConnect powered by Quikr.
Hacktoberfest 2020: Contributed to **open-source** projects to qualify for swags and rewards from the official sponsors.
Matheletics-PowerSurge5.0: Winner of Mathematics and **Aptitude**-based event organized by Electra Society NIT Silchar.

EXTRA-CURRICULAR ACTIVITIES

Srijan 2.0:   Event head and Senior Organizing member of Srijan 2.0 program, an annual **entrepreneurship** fest of ECell NIT Silchar
GGSY: Organized and trained **200+** school children on Solar Study Lamp Assembly on the occasion of Gandhi Jayanti.
Inter NIT Yoga: Represented NIT Silchar in the Inter NIT Yoga competition and secured a place among the top 5 teams.