

Akshat Garg

Final year Computer Science student at Birla Institute of Technology, Mesra Ranchi

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EXPERIENCE

Builder.io - 6 months intern

December 2022 - Present

- ❖ Developed strategy and implemented frontend migration for builder docs site from NextJs to Qwik
- ❖ Created Screenshot diffing library to test the migration and achieve pixel perfect results.
- ❖ Identified bugs in Qwik and worked on them along with the core team of the framework
- ❖ Fixed bugs in builder SDKs and shopify hydrogen integrations.

Microsoft - Summer Intern

MAY 2022 - JULY 2022

- ❖ Created Python scripts that extract disc layouts from INI config files and data schemas to model disc layouts and their entities in an OOPs fashion.
- ❖ Implemented multi-parameter based query system for finding and searching disk layouts.
- ❖ Delivered the tool with a web interface using flask and HTML and a terminal application.
- ❖ Bonded with team mates and actively participated in events and sessions.

Microsoft Engage 2021 — Mentee

JUNE 2021 - JULY 2021

- ❖ Designed and developed a video conferencing web application, using webRTC standard API's and library, NodeJs and ReactJs.
- ❖ Added a Team creation feature with persistence chat and notification system using http and websockets .
- ❖ Implemented the mesh algorithm to create multiple peer-to-peer connections, deployed the system in client-server model.

SKILLS

C++ , Javascript, Typescript, Java, Python, ReactJS , NodeJS , SQL , NOSQL, Cloud services

PROJECTS

Investor - investment Portfolio management system [Live](#)

- Developed an application to create asset portfolios with entities like stocks, mutual funds and crypto currency.
- Fetched data from multiple API data sources and added a cache layer using redis to reduce api calls and enhance system performance.
- Used **firebase** for authentication and as primary database.

The Office - HR management app for enterprise [Github](#) [Live](#)

- Ready to use human resource management applications with role based access , employee information/ searching, attendance management..
- Designed a hybrid API using technologies like GraphQL and RestAPI to implement optimized data fetching and resource creation.
- Used frontend styling libraries with ReactJS to provide an elegant and user friendly interface.

Talawa API - open source contributions [Github](#)

- Worked on developing different controllers and services to perform CRUD operations on primary databases.
- Worked with GraphQL backend system to debug revolvers and adding extra services.
- Designed a work flow automation system using github actions.
- Actively participated in issues related to testing, debugging and scaling.

ACHIEVEMENTS

Top 15 in Hack-Accelerate 2020 - online hackathon, Finished in top 15 , created a fitness tracker web app.

EDUCATION

Birla Institute of Technology, Mesra Ranchi — Btech

2019 - 2023 (current)

Computer Science Degree with a CGPA : 8.7