Abhay Gupta

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EDUCATION

ST. ANDREWS INSTITUTE OF TECHNOLOGY

B.Tech in Computer Science
August 2023 | Gurugram India
Score - 8.0 CGPA

RMSM SR. SEC. SCHOOL

Class XII
March 2018 | New Delhi India
PCM with Computer Science
Commulative Percentage - 76%

LINKS

Portfolio
Leetcode.com/akgupta0777
Codechef.com/akgupta0777
Twitter.com/akgupta0777

SKILLS

PROGRAMMING

Languages:
• Advanced : JavaScript, C++
• Intermediate : Python, Java, TypeScript
• Novice : Rust,PHP

Tools:
• Git • Linux • Windows
• Webpack • buildozer • Heroku
• ESLint

Framework & Library:
• ReactJS • Express • NodeJS
• Puppeteer • KivyMD

Technologies:
• HTML • CSS • JavaScript
• SQL • REST APIs

Databases:
• Firebase • MongoDB
• MySQL

Test Suites:
• Jest • Playwright

WORK EXPERIENCE AND OPEN SOURCE

CULTURE INTERACTIVE | Full Stack Development Intern

Jan 2022 – Mar 2022 | Remote Work

- Developed Culture Interactive **Project Management System** using **React and Firebase.**
- Optimized Performance by 30% by using **react memo hook, code-splitting and bundling**.
- Designed a component which can **parse, validate and upload data** from **CSV file** to **Firebase**. Increased productivity by 70%.
- Built an **access control panel** which gives full access to only admins added with the panel.
- Designed **UI/UX** and **frontend** with **material-UI and react.**

FACEBOOK | Open Source Developer ReactJS

Sep 2021 – Jan 2022 | Remote Work

- Made and presented the **Proof Of Concept(POC)** for End-To-End Testing for **react devtools**. The POC got approved by maintainer. **See POC here.**
- Wrote and improved **End-To-End Testing** of React Devtools browser extensions with **playwright** testing library.
- Fixed bugs regarding **hashed bundles, workers and chunk files** names using webpack magic comments.

PERSONAL PROJECTS

YOUTUBE DOWNLOADER API Oct 2021 – Nov 2021

- Created a custom **REST API** with **NodeJS** for downloading **high quality YouTube videos.**
- Get formats and download links of youtube videos in **under 5 seconds.**
- Link - **Youtube Downloader API**

VIDEO CHAT APPLICATION Aug 2021 – Sept 2021

- Setup real time communication and peer-to-peer network for calling.
- Made user interface with ReactJS and material UI design.
- Link - **Video Chat App**

ACHIEVEMENTS

- Qualified Facebook Hacker Cup 2022 with AIR 421 among 6400+ candidates.
- Achieved a global rank of 877th in Codechef February 2021 challenge.
- Got 1st position among 1st year students in pepcoding coding competetion organized in college.