

Abhay Gupta

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EDUCATION

ST. ANDREWS INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
August 2023 | Gurugram India
Score - 8.17 CGPA

RMSM SR. SEC. SCHOOL

CLASS XII
March 2018 | New Delhi India
PCM with Computer Science
Cumulative 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
- Bootstrap

Technologies:

- HTML • CSS • JavaScript
- SQL • REST APIs

Databases:

- Firebase • MongoDB
- PostgreSQL

Test Suites:

- Jest • Playwright

WORK EXPERIENCE AND OPEN SOURCE

CULTURE INTERACTIVE | FULL STACK DEVELOPMENT INTERN

Jan 2022 – Mar 2022 | Remote Work

- Built frontend and backend for Culture Interactive **Project Management System** using **React and Firebase**.
- Optimized Performance by 30% by using **react memo hook, code-splitting and bundling**.
- Implemented authentication functionalities with **firebase authentication** module.
- Designed a component which can **parse, validate and upload data** from **CSV file** to **Firebase**. Increased productivity by 70%.
- Stored users and project related data in **firebase realtime NoSQL database**.
- Designed **REST APIs** for Notification, Email simulation, project invites and other use cases.

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.
- Achieved a rank of 1018 out of 8051 participants world wide in Hackerrank HackFest 2020.
- Got 1st position among 1st year students in pepcoding coding competition organized in college.