Saurabh Kumar Singh

📞 (+91) 8709XXXXX ✉ singhsaurabh2901@gmail.com 💼 saurabh-singh-82287a201 ⚫ saurabhh-svg 👤 Portfolio

Education

Indian Institute of Information Technology (IIIT) Una   **Dec 2020 - May 2024**
Bachelor of Technology in Computer Science Engineering.   CGPA - 9.10 / 10

Experience

Mobile Premier League (MPL) - Backend Intern   **Nov 2023 - Present**

- Spearheading development for the Draw 4 game on the NodeJS side, implementing new features, & resolving bugs.
- Designing & implementing **task schedulers** using the Bulljs library for efficient task management.
- Successfully optimizing server response time by revamping **GRPC** calls, enhancing efficiency, & overall performance.
- **Tech Stack :** NodeJs, Typescript, Redis, Kibana, AWS, Docker

Signzy - Software Engineer Intern   **May 2023 - Nov 2023**

- Contributed to the Video-KYC team **building** the **unassisted** VKYC & **maintaining** the VKYC product.
- Engineered a codebase leveraging playwright reducing sanity & regression time by **84%** from **30 to 5 minutes**.
- Conducted & documented multiple **POCs** exploring & validating solutions for Email, SMS services automation.
- **Tech Stack :** AngularJs, ReactJs, Typescript, Playwright, NodeJs, CSS, Docker

Juntrax - Software Engineer Intern   **Jan 2023 - April 2023**

- Worked with the core team in creating Juntrax version-II, an advanced **HRMS ERP** Software.
- **Revamped** Admin portal, **refining base models** & **reducing component re-rendering** via dynamic mounting.
- **Enhanced** performance by memoizing state variables, **cutting down query & API response times** using cache.
- **Tech Stack :** ReactJs, Typescript, Bootstrap, CSS, NodeJs, MongoDb

Projects

Learning Path Scheduler | ⚫ GitHub

- Created a scheduler that integrates learning paths & committed hours to generate a **populated calendar** instantly.
- **Streamlined** backend operations by database storage, eliminating **real-time** calculations for swift frontend responses.
- Implemented a fully **responsive** design pattern using Tailwind CSS, coupled with customized features for the calendar.
- **Tech Stack :** ReactJs, Nodejs, Express, Tailwind CSS, MongoDB

Technical Skills

Languages: C/C++, JAVA, Javascript, SQL, HTML, CSS.
Frameworks: ReactJs, NodeJs, Express, Bootstrap, Playwright, Docker, Kubernetes.
Others: Database Management, Git, GitHub, LINUX, Android Studio, Operating Systems, Data Structures & Algorithms.

Achievements

Secured Rank - **2** among **400+** participants in Coderush IIITU by **AlgoUnviersity**.

Solved **800+** problems **Leetcode** & **GeeksforGeeks** combined.

Max Rating - **1848** (4 Star) on **Codechef**, Best Global rank - 210, Solved **150+** Questions.

Maintained a **Github** repository with **1500+** Solution Codes with **300+** Commits.

Secured Country rank - 912, Global Rank - 2216 out of 10K Participants in **Google KickStart** 2022.

Extra Curricular

Cleared Jumpstart by **Publicis Sapient** 2022 out of 8K Participants.

Represented IIIT Una in TechFest by **IIT Bombay**.

Leadership

Force - Forum of Computer Engineers (Technical Society of IIITU)   **May 2022 - Present**

Supervised 5+ events & day-to-day operations of the Club overlooking initiatives, raising funds & organising workshops.

Mentoring 20+ junior members for Competitive Programming & Web Development under Google Developer Student Club.