Sarthak Rohatgi

Bhopal, Madhya Pradesh

📞 +91-9685992377 ✉ sarthakrohatgi012201@gmail.com 🔗 sarthak-rohatgi ⓞ srohatgi01 Ⓗ s_rohatgi

EDUCATION

Oriental Institute of Science & Technology   **2020 – Present**
*B.Tech in CSE w/ specialization in Data Science - **CGPA** - **9.9/10***   *Bhopal, MP*

EXPERIENCE

Microsoft ⤴   **May 2022**
Apprentice (Microsoft Engage 2022)
- 1-month apprenticeship under Mr. Praneeth Nimmagadda at Microsoft through Microsoft Engage'22.

KhatePay ⤴   **Feb 2022 – Present**
Flutter Developer Intern
- Responsible for preparing app for launch, state management and consuming REST API.
- In less than a month, reduced the backlog by 22%.

Freelancer   **July 2020 – Jan 2021**
Full Stack Web Developer
- Created static & dynamic web apps for local businesses and deployed them on the cloud while carefully optimizing load time without compromising on visuals.

PROJECTS

Realtime Sign Language Detection Video App ⓞ ⤴ | WebRTC, Tensorflow, React   **May 2022**
- **Apprenticeship project for Microsoft Engage 2022**.
- 1-1 Peer-to-Peer video calling app which can detect sign language in Realtime using Tensorflow.
- React for front-end, WebRTC and Firebase as signaling Server for video calling.
- Self-trained model using object detection model & single shot detector with custom data set.

Chess Bot Server ⓞ ⤴ | NodeJS, Express, Heroku   **Jan 2022**
- **Chess Bot API server on NodeJS for LEAD-A-THON, a hackathon on HackerEarth**.
- Retrieved chess moves by web-scraping Encyclopaedia of Chess Openings.
- Created Backend server using the data retrieved and implemented caching as well.

Cara ⓞ ⤴ | NodeJS, PostgreSQL, Flutter, Prisma, Heroku   **Dec 2021**
- **Multichair time-slot based online hair appointment booking app**.
- Architected complex 3-tier relational database model, coded it in PSQL and used NodeJS to write a REST API which was consumed by web as well as mobile frameworks.
- Created Android App using Flutter framework to consume the api and to create fluid UI.
- Play Store Link   Live Site

Karetaker ⓞ ⤴ | NodeJS, MySQL, Flutter, Prisma, Vercel   **Sep 2021**
- **Multi-purpose healthcare app for RGPV Hackathon 2021**.
- In a team of 2, built android & web app that reminds for medication, store all medical records, generates unique QR code for each patient and let users share medical records with doctor by a single touch.

TECHNICAL SKILLS

Languages: C, C++, Dart, JavaScript, SQL, Python, Bash, XML
Developer Tools: VS Code, Android Studio, DataGrip, Intellij Idea, Vim, Heroku
Technologies/Frameworks: Linux, GitHub, NodeJS, ExpressJS, Git, Flutter, Prisma, Docker, Django Rest Framework
Skills: Data Structures and Algorithms, Web & App Development, OOP, RDBMS Modeling, Scrum

CERTIFICATIONS

- Fundamentals of Database Engineering - Udemy
- Mastering DSA using C and C++ - Udemy
- **4 Stars** in **SQL** & Testdome SQL public test, top 10%
- Docker Essentials - Udemy
- Introduction to TCP/IP - Coursera ⤴
- Scrum in Practice - Infosys ⤴

EXTRACURRICULAR

- Gold Medalist in School, Zonal Rank 4 & International Rank 117 in SOF National Cyber Olympiad (2018)

- Certificate of Merit in Robotics for Aakaar-2019 by IIT Bombay (2018)