

SARTHAK ROHATGI

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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)