SHREYANSH SHREY
SOFTWARE DEVELOPER

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Ranchi, JH

WORK EXPERIENCE

Backend Developer   08/2020 - Ongoing
Medpiper Technologies

- Working on a project to convert it to **MVP** from **POC**
- Building a graph database for doctors network using **neo4j**
- Created an **AWS S3** bucket and integrated with an APi so that users can submit multiple documents
- Managed end to end module lifecycle management of the product

Full Stack Developer   06/2020 - 08/2020
Ekatvam Innovations

- Worked as a **technical lead** for the firm
- Designed a **PostgreSQL** databse architecture for the application
- Created an API service with **node.js**, **express.js** and **sequelize** to manage their entire database
- Created a frontend dashboard on **react.js** to assist their customers in visualizing their data
- Contributed to the **AWS** deployment of their frontend, backend and database

Backend Developer   04/2020 - 06/2020
Frugal Labs Tech Solutions

- Converted a **monolith** application to a **microservices-based** application
- Built the **MongoDB** and **PostgreSQL** database services for the application
- Implemented a **RabbitMQ** service for connection between **MQTT broker** and **MongoDB** database
- Implemented a token based authentication for the api services of the application using **JSON web token**
- Documented the api services for the application using **Swagger.io**

SKILLS AND ABILITIES

Languages
Java **|** Javascript **|** C **|** SQL

Technologies
React.js **|** Node.js **|** Express.js **|** Arduino **|** Nodemcu **|** HC-SR04 sensor **|** YF-S201 sensor **|** Thingspeak Cloud **|** Adafruit Oled display **|** Google Maps Apis **|** PeerJS **|** Socket.io **|** Webrtc **|** Neo4j **|** Sequelize ORM **|** AWS

Databases
MySQL **|** MongoDB **|** PostgreSQL

EDUCATION

Manipal University, Jaipur (2018 - Ongoing)
BTech, Computer Science (8.6/10 GPA)
DAV Gandhinagar, Ranchi (2017)
Senior Secondary (XII), Science (91%)
St. Thomas, Ranchi (2015)
Secondary (X) (89.2%)

PROJECTS

GREEN MILE   04/2020 - 06/2020
https://github.com/shreyshreyansh/GreenMile
Green Mile is a **smart waste management system** which gives the **garbage truck drivers** an **optimized path** through all the **dustbin** around the city which are **60% or above filled** or **hasn't been picked up in 3 days.**
Technology stack → Node.js, Express.js, MongoDB, Google Map Apis, NodeMcu, Thingspeak Cloud

PEER CODER   04/2021 - 05/2021
https://github.com/shreyshreyansh/Peer-Coder

Peer coder is an **online code editor** for interviews, troubleshooting, teaching and more. It allows **real time code syncing among peers**, **executes codes in Java, Python, C++, C**, and does **real time video and audio call**. It is **ideal for Online Interviewing** of Developers as well as **Learning to code from Friends**.
Technology stack → React.js, Node.js, Express.js, peerjs, socket.io, webrtc

SMART WATER   02/2021 - 03/2021
https://github.com/shreyshreyansh/Smart-Water

A **smart water meter** which tells the **user** about their **monthly water consumption** and **generates billing accordingly** and has an **email alert feature** to **notify the user about water wastage**.
Technology stack → Node.js, Express.js, Chart.js, MongoDB, NodeMcu, Thingspeak Cloud

AWARDS & ACHIEVEMENTS

- **4 star** at codechef with max rating of **1879**
  https://www.codechef.com/users/cyberphobia
- **Specialist** at codeforces with max rating of **1493**
  https://codeforces.com/profile/cyberphobia
- Qualified for the **ACM ICPC Kanpur - Mathura regional** rounds. Secured a **rank of 75/1203**.
  certifictate link
- Filed a **patent** for my **Smart water meter** project
  Patent ID : P00000106
- Contributed to **DevIncept's** 1 month intensive **Open Source** Contribution Program as a **Contributor**
  certificate link
- Secured **second** position out of **300+ students** in my college
  certificate link