

# SHREYANSH SHREY

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## WORK EXPERIENCE

### MedPiper Technologies *Software Engineer Intern*

Bangalore, KA  
Oct 2021 - Dec 2021

- Converted a monolithic application into a microservice architecture app
- Worked on schema designing of the databases in PostgreSQL and MongoDB
- Worked on the authentication and authorization for different services using JWT
- Developed a number of REST API services using the Express.js framework on top of Node.js
- Used Mongoose and Sequelize ORM
- Wrote unit tests for the API services using Mocha chai
- To provide async communication across microservices, I implemented an event bus service using RabbitMQ
- Worked on the containerization of the services using Docker

### Ekatvam Innovations *Software Engineer Intern*

Mumbai, MH  
Aug, 2021 - Oct, 2021

- Worked as a technical lead for a project
- Worked on developing a frontend dashboard using React.js and Redux
- Worked on building REST API services using Express.js framework on top of Node.js
- Build different business logic algorithms on Typescript and deployed those on AWS lambda
- Deployed the frontend on AWS S3 and served it using AWS Cloudfront
- Deployed the backend on different AWS EC2 and configured an application load balancer
- Build CI/CD pipelines using Github Actions

## PROJECTS

### Peer Coder *React.js, Node.js, Express.js, Peer.js, Socket.io, WebRTC*

<https://github.com/shreyshreyansh/Peer-Coder>

It 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.

### Smart Water *Node.js, Express.js, Chart.js, MongoDB, AWS*

<https://github.com/shreyshreyansh/Smart-Water>

A sensor based system which tells the user about their monthly water consumption and generates billing accordingly and has an email alert feature to notify the user about their monthly water usage

## EDUCATION

### Manipal University

BTech Computer Science *GPA: 8.65*

Jaipur, RJ  
Sep 2018 - Jun 2022

### DAV Public School

Senior Secondary Science *GPA: 91%*

Ranchi, JH  
- Jun 2017

### ST.Thomas

Secondary *GPA: 89.2%*

Ranchi, JH  
- Jun 2015

## SKILLS

Programming Languages:	Java, C, Javascript, Typescript, SQL
Backend Technologies:	Node.js, Express.js, Mongoose, Sequelize, RabbitMQ, Mocha chai, Nginx
Frontend Technologies:	React.js, Redux, Tailwind CSS, Material UI
Tools:	Git, Github, NPM, Jira, Linux
Databases:	MongoDB, PostgreSQL, MySQL, Neo4j
DevOps:	AWS(EC2, Lambda, s3, Cloudfront, Route53, ELB), Docker, Docker swarm, Kubernetes

## AWARDS & ACHIEVEMENTS

**4 star at CodeChef with max rating of 1879**

<https://www.codechef.com/users/cyberphobia>

CodeChef

**Qualified for the ACM ICPC Kanpur - Mathura regional rounds**

ACM ICPC

Qualified for the ACM ICPC Kanpur - Mathura regional rounds. Secured a rank of 75/1203

**Specialist at codeforces with max rating of 1493**

Codeforces

<https://codeforces.com/profile/cyberphobia>