

SHIV SHARMA

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CodeChef | **GitHub** | **Linkedin** | **HackerRank** | **Portfolio**

EDUCATION

HARCOURT BUTLER TECHNICAL UNIVERSITY

Bachelors Chemical Technology

Kanpur, Uttar Pradesh

Aug 2017 - Jun 2021

EXPERIENCE

Zeeve | Software Engineer

Remote | Sep 2021 - Present

- The design and development of indexers (primarily three services) for various public blockchains, where I host a blockchain node on a server machine, create an indexer for indexing and storing useful blockchain data into the database (PostgreSQL), and create various APIs for end users to retrieve the data.
- Managing the design of the entire product, as well as the protocol for service communication.
- Developing and designing microservices that integrate with mobile and desktop wallets used in signing and sending transactions.
- Hosting and maintaining nodes and services for decentralised applications using Docker.

Cognizant | Intern

Remote | Jan 2021 - Jul 2021

- Worked with a team of six members and build a Resume Builder using ASP.NET MVC Technology.
- I have developed the Controller Part of the application with their views and Integrated it with the SQL Server using Entity Framework. The application was used by all internship trainees of my batch (2021).

SKILLS

Programming Languages:	Javascript(Proficient), C++ (Proficient), Typescript, SQL, C(Extended)
Libraries/Frameworks:	NodeJs, React, Express, GraphQL, ASP.Net, Kafka, Bootstrap, Subql
Tools / Platforms:	Docker, Pm2, Chai & Mocha, Git, Aws, Nginx, Postman, Linux, Libuv
Databases:	MySql, PostgreSQL, MongoDB (Mongoose), Redis (Cache), Cloud

PROJECTS / OPEN-SOURCE

Url Feeder Service | Link

NodeJs, Express, Kafka, Docker, Nginx, MongoDB, Redis, Mysql

- A url feeder service that takes an url, stores it in the MySQL database, and publishes various types of topics into Kafka based on the url's content type; these topics are later subscribed to by different services, and the service extracts the url's metadata and stores it in the MongoDB database, then parses all the urls present in the page to send back to the url feeder service. Nginx is used for proxy purposes.
- The url feeder service checks to see if a url has already been processed; for this, I used Redis caching.
- All services are Dockerized in order to improve communication within a single Docker network.

Virtual Classroom | Link

NodeJs, Express, Jwt, Aws, MongoDB, Mongoose

- I created a rest API for remote classroom purposes where teachers can create the assignments for the students and students can submit their assignments. For authentication purposes, JWT is used.
- Teachers can view the status of all assignments on their dashboards on the filter "Scheduled and Ongoing," and students can view all assignments on their dashboard on the filter "Submitted, Pending, and Overdue." Assignments can only be created, updated, and deleted by the teacher.

NWOC Algorithms | Link

Pure Algorithm's Based

- I participated in the NJACK winter of code (Edition 2019-20). worked on a project named NWOC ALGORITHMS and become the top contributor to the project with 22 commits.

HONORS & AWARDS

- Secured 177 and 1790 global ranks on CodeChef in September and August Long Challenges 2020.
- Honored by R. K. Trivedi (Head of Oil Technologist Association of India) for creating a whole main website for the organization, which is used by 10k+ Oil Technologists across India.
- Won 2 coding competitions organized by college coding in the first year of my college.
- Participated in open source contribution events such as Hacktoberfest and NJACK Winter Of Code.