

SHIVAM BANDRAL

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EDUCATION

University of Petroleum and Energy Studies - CGPA 8.5

B.Tech. in Computer Science Engineering

July 2018-present

Dehradun, Uttarakhand

Unique Academy - Grade XII: 87.6%

Kathua, J&K

Spring Dales English School - Grade X: 94.6%

Kathua, J&K

EXPERIENCE

LogiSprint

Software Development Intern

Jan 2022 - present

(Mumbai, India)

- Improved the Subscription and Billing onboarding for the product.
- Developed a functional UI for Trial to Paid transition of users, resulting in **30% increase** in subscription rate.
- Used tools like **React.Js** , **Redux-State Management**.

Foxmula - The Smart Way

Software Development Intern

May 2021 - July 2021

Remote(Bangalore, India)

- Worked with the Frontend team on the development of Menerva - Online Learning Web Application.
- Constructed a functional Dashboard with different roles for Student, Teachers and Institute from Figma prototype.
- Used tools like **React.Js** , **Tailwind CSS** and **Gitlab** for managing entire source code flow.

PROJECTS

Co-Develop

August 2021 – Dec 2021

- Developed a real-time collaborative code-editor which helps users to code in groups in **real-time** using **React.Js** library.
- Worked with **Node Js**, **Web Sockets** for the real-time synchronization.

Dynamic Memory Manager

Aug 2020 – Nov 2020

- Implemented our own **Memory Allocation Scheme** in **C language** to address the problem of **Memory Fragmentation**, see Memory Usage.
- Built this in form of a Library that takes the responsibility to allocate and deallocate memory to the **user space processes**.
- Also addressed the problems of **Heap internal and external fragmentation** and handled those cases.

TECHNICAL STRENGTHS

Programming Language

C, C++, JavaScript

Technologies and Tools

Docker, Git

Database Management

MySQL and MongoDB

Interests

Web Development (HTML, CSS, JS, ReactJS, NodeJS).

CERTIFICATIONS

The Bits and Bytes of **Computer Networking** - Google (Coursera)

Mar 2020