

Rutam Kulkarni

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Skills

- **Programming** : Java | Data Structures | Algorithms | OOPS | Core Java |
- **Databases** : SQL | NoSQL | DBMS | MySQL | MongoDB |
- **Development** : React | MERN | HTML CSS JavaScript | TailwindCSS | Postman |

Work Experience

FULL STACK DEVELOPER INTERN (Vidyalkar Institute of Technology, Mumbai) (June 2024 – August 2024)

– Web portal for maintaining DSR for Laboratories : [\[GitHub\]](#)

- A **MERN Stack Dead Stock Registry** system replacing **100% of traditional physical DSR's**.
- Currently integrated and **in use by VIT** it features an intuitive Frontend UI, User authentication, **Role based Access control (RBAC)**, **PDF conversion** and **Auto emailing** concerned Mail IDs upon changes made to the register, **Admin panel** to perform **CRUD** operations on **user** and **departments**.
- Technologies used: **React**, **MERN**, JWT, Tailwind CSS, JavaScript, MongoDB Atlas.

Projects

Cardinal : [\[Explore Live Website\]](#) (June 2024 – Present)

- A **MERN** stack based **personal** and **collaborative space**.
- Featuring a **rich text editor**, **shared notes among friends**, responsive, user authentication WITH 99.9% uptime, search , tags, favourites, and real-time updates, dark/light theme
- Technologies used: **MERN**, **React.js**, Tailwind CSS, Node.js, Express.js, MongoDB, APIs, JWT, Vercel, Postman.

Communal Wallet : [\[GitHub\]](#) (March 2024)

- Developed a **100% reliable Java**-based algorithm to optimize and minimize debt settlements among multiple individuals.
- Utilized **HashMap** and **Queues** for efficient expense management and net amount calculations. Streamlined debt resolutions, reducing the number of transactions required for settling debts.
- Technologies used: **Java**, **HashMap**, **Queue**, **Java Collections Framework**

Virtualr : [\[Explore Live Website\]](#) (May 2024)

- A professional **Frontend** website for a virtual reality company showcasing modern beauty.
- Built with **React** and **TailwindCSS** it features a **hero section**, **dynamic navbar**, **testimonials**, pricing cards, **responsive frontend UI** and ensures an engaging and readable user experience across all devices.
- Technologies used: **React.js**, Tailwind CSS, Vercel.

Other projects : JotSpot (To-do list in react) : [\[Explore Live Website\]](#)

Education

VIDYALANKAR INSTITUTE OF TECHNOLOGY, Mumbai
B.E. in Information Technology with minors in Data Science

(Dec 2021 - Present)
Overall CGPI: 9.70/10

Achievements and Certificates

Solved **140+** problems on [LeetCode](#) | **SGPI=10/10 in Sem1 and Sem6** | TCS iON Career Edge - Young Professional | EDUCBA - Comprehensive Course On Oracle SQL Concepts And Commands | EC-Council – Ethical Hacking Essentials

Hobbies and Interests

Badminton | Hiking | F1 racing | Fitness | Cars | Exploring | Adventure Sports | Sometimes front flips...