Vinay Singh

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Education

visvesvaraya technological university **Jul. 2019 – May 2023**
Bachelor of Technology in Computer Science and Engineering *Bengaluru, KA*

Experience

COWRKS **June 2023 – Present**
Software Development Engineer 1- Frontend *Bengaluru, India*

- In the past year as a Software Development Engineer focusing on front-end React development, I've been involved in several exciting projects and tasks: Building User Interfaces, Integration with APIs, Performance Optimization,Responsive Design, Learning and Growth Overall, my role has been focused on creating robust, responsive, and userfriendly applications using React.js, while also contributing to team collaboration and maintaining high coding standards.
- Successfully led the migration of a legacy vendor website from AngularJS to ReactJS, improving performance and maintainability.
- Collaborated with the frontend team to design and implement a modern, responsive UI/UX.
- Optimised Docker Image of a frontend project built with React from **1.8GB** to **180MB**
- Utilized React and associated libraries to create a scalable and efficient front-end architecture.
- Contributed in building the in-house **UI Component Library** by leveraging the power of React.
- Took full responsibility for task management and execution, ensuring the successful and on-time delivery of projects through proactive planning and effective coordination.
- Developed responsive UI designs and implemented reusable components to enhance user experience and ensure consistent, efficient development across platforms.

Projects

AlVi- Algorithm Visualiser | *HTML, CSS, Javascript*

- Built an algorithm visualiser to visualise sorting algorithms such as Bubble Sort, Merge Sort, Quick Sort, etc.
- Github

FlipKart clone (MERN Stack) | *JavaScript, React, Node, MongoDB, Express*

- Built a **Flipkart clone** using **MERN stack** (MongoDB, Express.js, React, Node.js) to simulate core e-commerce functionality.
- Implemented user authentication and authorization with **JWT** for secure login and role-based access.
- Developed features like product catalog, shopping cart, order management, and admin panel for product/order management.
- Github

Technical Skills

Languages: JavaScript, Java, HTML/CSS,
Developer Tools: Docker, Babel, Webpack, VS Code, ChatGPT, Postman, Figma, Git and GitHub
Technologies/Framworks: React.Js, Node.js, Web Components, TailwindCSS, Redux, NodeJS, ExpressJS, MongoDB