Vibhor Meshram (Software Engineer)

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Work Experience		2.6years
Software Engineer	Metadesign Software(Pune)	July'22 - Present

Projects:

Dymond Management System(DMS)	Feb 2023 - Present

- Developed **Software as a Service** application facilitating merchant onboarding and device management as a **Full Stack Developer**.
- Engineered and launched **a hierarchical user system** with automatic credential generation; empowered admins to create operator accounts, improving security and reducing manual setup time.
- Formulated **role-based access control**, allowing operators to view and manage devices assigned to them.
- Enhanced SaaS app performance with **GraphQL**, reducing data fetching time.
- Built an OTA update module with AWS IoT Core, cutting manual updates.
- Technologies used: **NodeJs, ExpressJs, NextJs, ReactJs, GraphQL, AWS(IoT Core, Cognito, EC2, S3)**

Payment Gateway Application - Frontend	Oct 2022 – Jan 2023

- Developed a payment app for Apple Pay and credit cards, enabling high transaction volumes.
- Added card scanning to auto-fill details, boosting convenience and cutting input errors.
- Utilized **React** and **Node.js** with **Hapi.js** for unified frontend and backend architecture. Also integrated it with **Rapid Connect** gateway.
- Integrated AWS services (EC2) for deployment.

Gumball Application	Sep 2023 – Aug 2024

- Crafted a **MedusaJs**-powered web app for intuitive gumball dispensing machine control.
- Integrated **IoT** communication for real-time monitoring and control, improving operational efficiency.
- Crafted **React Native** Android app to replicate web functionality for the terminal interface.
- Technologies used: **ReactJs, TypeScript, React Native, MedusaJs, NodeJs**, **AWS(EC2, IoT core).**

Technical Skills

Proficient: JavaScript, ReactJs, MongoDB, React Redux, NodeJs, ExpressJs, GraphQL, Firebase, MERN
Familiar: CI/CD, Jenkins, Docker, TypeScript, SQL, React-Native, Git, AWS, Next.js and Responsive web design.
Soft Skills: Agile Methodology, Client Interaction, MS-Office.

Education/Coursework

Full Stack Developer course (MERN stack + DSA)	ACCIOJOB	
Bachelor of Science(Computer science) (2019-22)	NAGPUR UNIVERSITY	69.3%

Projects

News Application [GitHub Link]

Key Skills: ReactJs, NodeJs, ExpressJs

- Formulated a news app with real-time updates and personalised topic filtering.
- Created a user-friendly interface for seamless topic selection and news customisation.
- Executed auto-refresh feature for delivering the latest news updates automatically.

Expense App [GitHub Link]

Key Skills: ReactJs, Node.js, ExpressJs, GraphQL, Mongo Atlas

- Instituted a secure user **authentication** system to ensure authorized access to the platform.
- Planned a comprehensive system integrating **front-end, database schema, and REST APIs**.
- Implemented CRUD operations for transactions. Enhanced user experience by presenting transactions through interactive charts.

Co -Curricular activities

- **Client interaction** via weekly updates meetings and demos. Sprint planning, Agile Methodology.