

Vishal Sagwal (Full Stack Developer)

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OBJECTIVE

Results-driven Full-Stack Developer (MERN Stack) with 2+ years of experience in designing and implementing scalable web applications. Proficient in building end-to-end solutions integrating modern front-end and back-end technologies.

SKILLS

- **Languages:** Python, Javascript, Typescript
- **Databases:** MySQL, MongoDB, Redis
- **Source Version Control:** GIT, Github
- **Front-End:** React.js, Redux, HTML, CSS, Bootstrap, TanStack Query, Ant Design
- **Back-End:** Node.js, Express.js, WebSocket (Socket.IO)

EXPERIENCE

Intileo Technologies Pvt. Ltd. (Software Engineer)	Feb 2024- Present
<ul style="list-style-type: none">• Designed and developed responsive and interactive user interfaces using React.js, improving user experience across platforms and collaborated in Agile teams.• Built RESTful APIs and implemented server-side logic using Node.js and Express.js for efficient data processing and communication and perform unit/manual testing.	
Numeric Infosystem Pvt. Ltd. (Software Developer)	Aug 2023 – Feb 2024
<ul style="list-style-type: none">• Performed CRUD operations and manage data consistency and integrity.• Worked closely with UX/UI designers to translate design mock-ups into functional user interfaces.	

PROJECTS

Project and Performance Management Tool (SaaS Product)	Feb 2025 – Present
<ul style="list-style-type: none">• Developed project tracking and performance evaluation system enabling managers to assign tasks and monitor progress.• Implemented dynamic dashboards with data visualization for project timelines, employee productivity, and performance metrics using Apex Charts and Excel/PDF reports.• Integrated audit logging middleware to capture user activities, project updates.	
SKIPTQ - (Travel Essentials Booking Platform)	Nov 2024 – Feb 2025
<ul style="list-style-type: none">• Integrated third-party services including Google Maps API and Zoom Video SDK to enhance user functionality.• Developed a user-personalized theme and implemented role-based access control for feature visibility and actions.• Integrated order management, payment processing, and status notifications to enhance user experience.	

FuelDekho – Online Fuel Delivery Platform (MERN Stack + Web Socket)	May 2024 – Oct 2024
<ul style="list-style-type: none">• Developed an online fuel ordering and delivery system where users can purchase fuel and track delivery.• Built a real-time chat feature between users and delivery agents using Socket.IO.	

OPDSure Refer (Health Insurance Claims Application)	Feb 2024 – May 2024
<ul style="list-style-type: none">• Implemented JWT-based authentication and role-driven authorization to ensure secure user access, forgot password, reset password, protected routes functionality and sending email notifications to relevant stakeholders.• Developed claim submission feature enabling users to upload PDFs, images, and documents for admin approval.	

ACHIEVEMENTS

- Improved **API response time by 50%** by optimizing MongoDB queries and implementing asynchronous handling with Node.js and Express.js and implemented **caching strategies** to reduce latency and external API calls.
- Reduced **Google API billing by 10%** by saving the location coordinates in database once fetched from google API.

EDUCATION

• Master of Engineering (M.Eng)	University of Windsor, Windsor, Canada	May 2022 – Aug 2023
• Bachelor of Technology (B.Tech)	DCRUST, Murthal, India	Aug 2016 – Dec 2020