

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

- 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

- 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

- 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

- 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

- 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

- 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

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| • 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 |