Swapnil Wakchaure

MERN Full Stack Web Developer

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SUMMARY

Skilled MERN Stack Developer with 1.4 years of experience in building and deploying scalable web applications. Proficient in React, Node.js, Express, TypeScript, MySQL, and MongoDB, with a strong foundation in full-stack development. Experienced in creating end-to-end solutions, optimizing database queries, and integrating robust APIs. Known for solving complex technical challenges, delivering quality code, and contributing to impactful projects. Passionate about leveraging existing expertise and continuously learning new technologies in a collaborative environment.

EXPERIENCE

Software Developer

Neuro Spark Works 📅 09/2023 - 01/2025 📍 Pune, India

Manashakti NGO Platform, Lonavala (manashakti.org)

Order Report :
- Created a database table using drizzle ORM to support bulk uploads of payment data retrieved by admins from the CCAvenue portal.
- Displayed order history with user details, product information, and payment records, matching payments with delivery charges using Knex query builder.
- Identified and highlighted discrepancies in payment information.

Automated Split Payment Update :
- Implemented an hourly CRONJOB using Node.js to fetch data from the CCAvenue POST API and automatically update database values.
- Utilized MySQL for database management and ensured data accuracy across all transactions.
- Resolved issues where split values and reference numbers were not updating correctly in the database.

Admin Portal Upgrade :
- Upgraded the admin portal from React 16 to React 18 and Node.js from version 12 to 22.
- Identified and replaced incompatible dependencies with suitable alternatives to maintain functionality.

Event Participant Report Generation :
- Developed a feature for the NGO platform to provide admins with detailed reports containing user, participant, and event information (event name, location, and date).
- Wrote optimized queries using Knex query builder, joining 9 tables to fetch participant details efficiently.

Backfilling Missing States & Cities:
- Identified the scale of missing values and analyzed the data gap.
- Prepared necessary data and scripts to address the missing entries.
- Developed a testing mechanism with backup and restoration plans for data integrity.

Findigoo Booking Platform (findigoo.com)
- Developed a feature-rich travel and entertainment platform using Next.js, Prisma, MongoDB, Node.js, Express.js, and TanStack. Integrated NextAuth for authentication, Framer Motion for animations, and Tailwind CSS for responsive design. Built both the frontend and backend with TypeScript for type safety and scalability.
- Designed and implemented an audit log system to track admin activities, including actions taken, by whom, along with date and time details.
- Stored logs in a MongoDB collection for efficient data management and retrieval.

Soft Skills

- Problem Solving
- Collaboration
- Adaptability
- Accountability

SKILLS

Frontend

</> HTML | CSS | Bootstrap | Chakra UI | Tailwind

⚛ React | Redux | Redux Toolkit | TypeScript

Backend

JS JavaScript | TypeScript | Node JS | Express JS

🗄 MySQL | MongoDB

Tooling

🛠 Postman | Replit | Razorpay | Windsurf

Netlify | Render | Cyclic | Railway

EDUCATION

Full Stack Web Development
Masai School, Bengaluru.
April 2022 - March 2023 (Full Time)

Bachelor Of Science
S.N. Arts, D.J.M. Commerce, B.N.S. Science College, Sangamner.
July 2016 - May 2019 (Full Time)

PERSONAL PROJECTS

Folklore ◈ Live ◈ Code

It is an Ecommerce website that sells clothes, jewelry, furniture, decorations, beauty products and gifts

Features :
- Register and Login Authentication.
- See products and add to cart functionalities.
- Responsive for all devices (Desktop, iPad, Mobile)

Tech Stack :
- React | Redux | Chakra | Node | Express | MongoDB

Areas of Responsibilities :
- Created whole backend application to handle CRUD operation and provides an API.
- Created routes and provided jsonwebtoken to login user.
- Built a product page and reusable single product page.
- User able to use functionalities like sort and filter.

Travelocity ◈ Live ◈ Code

Travelocity is an online travel agency. From this website user can book hotel rooms, flight, cars etc.

Features :
- Register and Login Authentication.
- See products and add to cart functionalities.
- Responsive for all devices (Desktop, iPad, Mobile)

Tech Stack :
- HTML | CSS | JavaScript | React | Redux | Styled Components

Areas of Responsibilities :
- Created responsive navigation bar for all devices.
- Worked on landing page and give CSS style and effects.
- Handle a team and lead the project.