Sawan Patidar
Software Engineer - Node.js

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Professional Summary

Experienced Backend Developer with 3+ years of expertise in designing and implementing scalable, high-performance applications using Node.js, Express.js, React.js, MongoDB, and MySQL. Proven ability to optimize API performance (reduced response times by 25%), build secure authentication mechanisms (JWT, OAuth), and deploy containerized applications using Docker and Jenkins. Adept at collaborating in Agile environments to deliver impactful solutions. Passionate about creating seamless user experiences and efficient backend systems.

Technical Skills

- **Backend Technologies:** Node.js, Express.js, TypeScript

- **Frontend Technologies:** React.js, Redux, JavaScript, HTML5, CSS3, Bootstrap, MUI

- **Databases:** MongoDB, MySQL

- **Cloud DevOps:** Docker, Jenkins, AWS (EC2, S3), Firebase, Lefthook

- **Testing QA:** Jest, Mocha, Swagger, ESLint, Prettier

- **Others:** RESTful APIs, Git, Postman, Agile Development

Professional Experience

Chapter247 Infotech
Software Engineer   *Oct 2024 – Jan 2025*

- Designed a modular backend architecture, improving feature scalability and maintainability.

- Reduced deployment times through Jenkins and Lefthook CI/CD integration.

- Enhanced code quality by implementing TypeScript and configuring ESLint/Prettier.

WebMobril Technologies
Software Developer   *Jan 2023 – Oct 2024*

- Developed and maintained server-side applications using Node.js, MongoDB, and MySQL.

- Integrated real-time communication features using Socket.IO, improving user engagement.

- Implemented robust authentication mechanisms using JWT and OAuth.

- Served as a React.js developer, utilizing Redux for state management and optimizing front-end performance.

Zehntech Technology
Software Engineer   *May 2022 – Nov 2022*

- Contributed to backend development for a taxi booking platform, enabling real-time tracking and seamless user experience.

- Designed scalable MongoDB schemas to optimize data handling.

- Collaborated with cross-functional teams to analyze project requirements and propose technical solutions.

Junior Software Engineer   *Aug 2021 – Apr 2022*

- Developed secure login, authentication, and payment gateway integration for an e-commerce platform.

- Implemented role-based access control to enhance security.

Indvibe Infotech
Intern Python/Django Developer   *Feb 2021 – Jun 2021*

- Developed the "COMPARICA" academic project using Python and Django Framework.

- Designed scalable backend architecture and integrated secure authentication mechanisms.

Key Projects

Boilerplate - NodeJS, ExpressJS, TypeScript *Role: Backend Developer*

- Designed a modular architecture, simplifying feature additions and scalability.

- Integrated reusable modules, including auth, file handling, and payment systems.

- Implemented JWT-based authentication and role-based access control.

- Configured CI/CD pipelines and tools like ESLint, Prettier, and Jest for quality assurance.

Lead Management System (LMS) *Role: Backend Developer*

- Developed a comprehensive Lead Management System (LMS) to empower employees to manage their leads effectively and check duplicate leads, as well as oversee their calls, proposals, and Daily Sales Report (DSR) data within the platform.

- Incorporated role-based management, enabling access for Admin, Branch Head, Cluster Lead, and Business Development Executive, verified through a secret key authentication process.

- Designed a user-friendly interface for seamless lead input and activity tracking, ensuring ease of use for all users.

- Automated MongoDB backups and Excel import/export for efficient data handling.

TaxiLiz - Car Rental Application *Role: Backend Developer*

- Implemented backend functionalities for TaxiLiz, a mobile application facilitating car rental services.

- Managed distinct key user roles: Investor Users, Driver Users, and Admin, each with distinct privileges and functionalities.

- Investor Users could view lists of lease applications received, track past payments, and manage outstanding payments.

- • Admin was responsible for managing Investors, Drivers, and contract signing, overseeing lease listings, lease amounts, and other administrative activities.

Hydroponics - E-Commerce Platform *Role: MERN Stack Developer*

- Hydroponics is a platform aimed at facilitating the sale of fresh vegetables/fruits while allowing end-users to request specific produce to be grown onsite.

- Enhanced admin panel with React.js for better management of platform operations.

MorePGo - Taxi Booking Platform *Role: MERN Stack Developer*

- MorePGo-Taxi is a Taxi Booking Platform enabling end users to book taxis by selecting pickup and drop-off locations and tracking the driver's route and location in real-time.

- Integrated Socket.IO for real-time updates and push notifications.

- Added localization features for dynamic, language-specific responses.

Bixxs - Data Conversion Tool *Role: Backend Developer*

- Retrieved JSON data from Exact-Online, converted it to XML and uploaded it to FTP.

- Enabled seamless updates and reuploads for efficient data synchronization.

ShopEasy - E-Commerce Platform *Role: Full Stack Developer*

- Built a high-performance platform using the MERN stack, allowing users to browse and purchase products online with secure payment integration and Cloudinary for efficient media management.

- Implemented Redux for state management, enhancing user experience.

Education

Master of Computer Applications (MCA) *Graduated: 2021*
MediCaps University *Indore, India*

Bachelor of Science in Computer Science (B.Sc. CS) *Graduated: 2018*
DAVV University *Indore, India*