MAHESH LODHA

+91 8103770933 | 1998maheshlodha@gmail.com | LinkedIn | GitHub | PortFolio

Skills & Tools

- **Languages/Frameworks:** JavaScript (ES6+), TypeScript, Node.js, Express.js, Nest.js, React.js
- **Databases/ORM & APIs:** PostgreSQL, MongoDB, Radius, Prisma, Sequelize, REST
- **Tools/Platforms:** Git, Razorpay, CI/CD, Swagger, BullMQ, PM2, VS Code, Vercel, Netlify, Cloudflare, Docker, Docker Compose, AWS, NGINX, PWA, JWT, Postman, Socket.io, OAuth2.0, Passport.js, Deployment

Experience

Cyfrid Technologies — Sep 2025 - Present

Full Stack Developer — Guna, IN

- Developed an **AI-powered SaaS website builder** using **Node.js, Express.js, React.js, TypeScript, Sequelize, and PostgreSQL**, enabling automated website generation, multi-tenant management, and scalable **RESTful API** architecture.
- Developed a **full-stack School Management System** using **React.js, TypeScript, Node.js, Express.js, Sequelize, and PostgreSQL** to Manage students, teachers, attendance, exams, fees, and academic records with secure role-based access control.
- Contributed to mobile apps, which, as Pennywise & Guna Police, built features. The tech stack is **React.js & TypeScript.**
- Debugged and resolved **100+** frontend & backend issues in **React.js, & Node.js** applications.
- Led the development of a content management app across frontend and backend, collaborating with product teams to optimize user experience, API efficiency, and overall system functionality.

Freelance Full Stack Developer — Jun 2025 - Aug 2025

Full Stack Developer — Indore, IN

- Developed and deployed **Full-stack** web and mobile applications using **React.js, Node.js, React Native**, and **MongoDB/PostgreSQL.**
- Worked with clients across domains like **E-commerce** and **Event management systems**.
- Delivered scalable APIs, responsive UIs, third-party integrations (**Razorpay**, **Firebase**), and handled deployments on **Vercel** and **AWS.**

Codes For Tomorrow — Dec 2024 - June 2025

Node.js Developer — Indore, IN

- Developed **scalable backend services** for **Traveltor** using **Node.js, Nest.js, TypeScript, Prisma, and PostgreSQL**, implementing **community-driven features** such as **Trekscape Suggestions, and reward distribution** with **JWT-based authentication**.
- Integrated **secure authentication**, **role-based access** (Founders, Alpinists, Members), and **automated workflows** for **Trekscape validation** and **airdrop rewards**.
- Contributed to web services, which, as Travaltor & Radhe Shrinivasa Foundation, built features. The tech stack is **Node.js, Nest.js, PostgreSQL, Prisma, JWT & TypeScript.**

PieCodes — July 2021 - Nov 2024

MERN Stack Developer — Guna, IN

- Developed **scalable frontend & backend** for a **Retail POS System** using **Node.js, Express.js, React.js, TypeScript, Sequelize, and PostgreSQL** enables **real-time inventory management**, **sales tracking**, and **product navigation** with RESTful APIs.
- Developed **frontend & backend** for **PhishSentinel** using **React.js, TypeScript, Node.js, Express.js, Sequelize, PostgreSQL,** and **SMTP** to Manage **phishing simulation campaigns** for **10,000+ users**, including clients, employees, templates, and campaign data.
- Led the development of **Home Baker Cakes** by leading the key functionalities. We used **JavaScript, Next.js, TypeScript, React.js, Redux-Toolkit** for the tech stack. We also updated and added new products on WordPress CMS and fetched data from it.
- Contributed to mobile apps, which, as Pennywise & Guna Police, built features. The tech stack is **React.js & TypeScript.**
- Debugged and resolved **100+** frontend & backend issues in **React.js, React-Native & Node.js** applications.
- Led the development of a content management app across frontend and backend, collaborating with product teams to optimize user experience, API efficiency, and overall system functionality.

Education

Technocrats Institute of Technology (Excellence), Bhopal (M.P.) — Aug 2020 - July 2023

- B.Tech in Computer Science & Engineering | 7.80 CGPA

Projects

DQ Website Builder – AI-Powered SaaS Platform — DQ Builder

- Developed a scalable **AI-powered SaaS website builder using Node.js, Nest.js, React.js, TypeScript, PostgreSQL, and Prisma**, **Enabling automated website generation, multi-tenant architecture, dynamic theme customization**, and real-time content management via RESTful APIs.

- Designed secure authentication, subscription management, and role-based access control while optimizing performance, database queries, and deployment workflows for high availability and concurrent user handling.

School ERP – Education Management System

- Built a **full-stack School ERP system using React.js, TypeScript, Node.js, Express.js, Sequelize, and PostgreSQL** to manage students enrollment, attendance tracking, examinations, fee management, and academic records with scalable RESTful services.
- Implemented role-based authentication (Admin, Teacher, Student), automated notifications (Email/SMS), and performance-optimized database operations to ensure secure, reliable, and efficient academic workflow management.

Traveltor - Web Services APIs Traveltor

- Developed scalable backend services for **Traveltor** using **Node.js, Nest.js, PostgreSQL, TypeScript, Prisma**, enabling community-driven features like **Trekscape suggestions**, and reward distribution.

SBL Global E-commerce Platform SBL Global

- Built a Full-stack e-commerce **web application** using **React.js**, enabling seamless product browsing, cart management, and secure checkout. Integrated **Razorpay** for online payments, and also supports COD, ensuring flexible payment options.
- Developed a mobile application(Android & IOS) using**, JavaScript, React.js & Redux** and Published mobile app on playstore & app store gaining **5k+** downloads & an average **3+** star review.

PhishSentinel - Web Services APIs

- Developed backend APIs for **PhishSentinel** using **Node.js, Express.js, Sequelize, PostgreSQL,** and **SMTP** to manage **phishing simulation campaigns** for **10,000+ users**, including clients, employees, templates, and campaign data.

Home Baker Cakes Home Baker Cakes

- Developed a web application using **Next.js,** integrating technologies such as **Next.js, JavaScript, StoryBook, TypeScript & WordPress CMS** for selling various types of cakes**.**