MOHAMMED SADIK

Full Stack Developer

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SUMMARY

Full Stack Developer with 1+ years of experience building scalable web applications using modern JavaScript technologies. Expertise in MERN stack, Next.js, TypeScript, and microservices architecture. Proven track record in developing RESTful APIs, implementing authentication systems, and optimizing application performance. Strong background in agile methodologies, test-driven development, and cross-functional collaboration.

EXPERIENCE

First Logic Meta Lab pvt ltd   May '25 — Present
Software Developer   Perinthelmanna, India

Worked as a Full Stack Developer responsible for designing, building, and maintaining scalable web applications using modern **JavaScript** technologies across the entire stack.

- Developed and maintained full stack applications using **Next.js** (frontend) and **Express/Node.js** (backend), written in **TypeScript** for type safety and better developer experience.
- Built M**icroservice-based architecture** using **Turborepo**, enabling efficient code sharing across multiple services, faster CI pipelines, and improved modularity.
- Designed and implemented **RESTful** and **GraphQL** APIs for robust client-server communication.
- Utilized **PostgreSQL** and **MongoDB** for structured and unstructured data storage, respectively, depending on project requirements.
- Wrote unit, integration, and **end-to-end (E2E)** tests using **Jest, Testing Library, and Playwright** to ensure code reliability, maintainability, and realistic user flow validation.
- Collaborated with cross-functional teams using Agile methodologies, participated in daily stand-ups, sprint planning, and code reviews.
- Ensured optimized performance and SEO best practices in **Next.js** apps with server-side rendering (SSR) and API routes.

Techmaghi   Jul '24 — Jan '25
MERN Stack Developer   Ernakulam, India

Led the development of dynamic, full-stack web applications using the **MERN (MongoDB, Express.js, React.js, Node.js)** stack, focusing on scalable backend architecture and interactive user interfaces.

- Built and deployed **MERN** stack web applications, focusing on scalable backend APIs, interactive **React.js** frontends, and responsive UI with **Tailwind CSS** and **Material UI**. Integrated **RESTful APIs** with **Axios**, implemented SPA navigation with React Router, and deployed on Heroku/Render with **MongoDB Atlas**. Collaborated with designers to convert Figma wireframes, followed Git workflows, and documented APIs for maintainability.

EDUCATION

BE/BTech in Computer Science and Engineering, Vinayaka Mission's Research Foundation   Jul '20 — Aug '24
University   Salem, India

- Studied core subjects such as Data Structures, Algorithms, Database Management Systems, Web Development, and Software Engineering.
- Gained practical experience through hands-on projects, coding assignments, and technical workshops.
- Developed proficiency in programming languages like JavaScript, Python, C++, and Java.
- Engaged in collaborative projects, enhancing teamwork and problem-solving abilities.
- Actively participated in the National Service Scheme (NSS), contributing to various community service initiatives.

CERTIFICATIONS

Postman API Fundamentals Student Expert, Postman   Nov '24

Introduction to Career Skills in Software Development, Linkedin Learning, Linkedin   Nov '24

PROJECTS

Karikku, TharaCart Link   Aug '25 — Present
- Contributed to the development of a dynamic, responsive e-commerce platform by building an optimized, user-friendly frontend with **React.js**, integrating secure **RESTful APIs**, enhancing UI/UX for seamless shopping experiences.

Keynes Link   Aug '25 — Aug '25
- Developed and deployed a responsive static site using **React**, **TypeScript**, and **Tailwind CSS** on Render, featuring modular components, fast performance, and clean UI design.

Ergonnex AI – Agentic Engineering Observability Platform, Ergonnex   May '25 — Aug '25
- Contributed to Ergonnex AI, an agentic engineering observability platform, by independently designing and implementing a Resource Tracker module with resource planning and sprint management features, using a Next.js (App Router) and Express.js full-stack architecture, PostgreSQL database, Turborepo monorepo setup, Playwright for end-to-end (e2e) testing, Jest for unit testing, and Azure DevOps Git for version control.

Role Based Authentication Link   Apr '25 — May '25
- Implemented Role-Based Access Control (RBAC) for Admin, User, and Trainer roles, with secured APIs using role validation middleware. Integrated MFA via Google OAuth 2.0 and JWT authentication. Built an Admin Dashboard featuring audit/error logs and performance monitoring, and enabled trainer management for admins.

Doctor Appointment Web Application Link   Dec '24 — Jan '25
- Enhanced a MERN-based Doctor Appointment App with real-time booking, JWT-secured authentication, and role-based access for patients, doctors, and admins.

SKILLS

Programming Languages   Javascript, TypeScript
Frameworks & Libraries   Node.js, ReactJS, Express.js, Next.js
Database Technologies   MongoDB, MySQL, PostgreSQL
API & Query Languages   GraphQL, RESTful API
Testing Tools   End To End Testing, Unit Testing
Web Technologies   HTML5, Tailwind CSS
Development Tools   Git, Turborepo, Postman, Deployment
Languages   English, Malayalam, Tamil