MERN Stack Developer

Vaibhav Vasant Patil

E-mail: vaibhavvpatill@gmail.com

Phone: 7304391269

☞ 2+ years of experience as a MERN Stack Developer, skilled in building scalable web applications with MongoDB, Express.js, React.js, and Node.js. Proficient in designing RESTful APIs, optimizing performance, and deploying with CI/CD pipelines and Docker. Experienced in Redis caching, Next.js, and React Query for state management.

CAREER OBJECTIVE

To leverage my 2+ years of experience as a MERN Stack Developer in building scalable web applications and designing efficient RESTful APIs. I aim to contribute to innovative projects, enhance user experiences, and continuously expand my technical expertise in modern web technologies.

PROFESSIONAL SYNOPSIS

☞ A detail-oriented professional with 2+ years of experience as a MERN Stack Developer, skilled in building scalable and high-performance web applications.

☞ Proficient in MongoDB, Express.js, React.js, and Node.js with expertise in designing and implementing RESTful APIs.

☞ Hands-on experience in optimizing database performance and deploying applications using CI/CD pipelines and Docker.

☞ Strong knowledge of Redis caching, Next.js for server-side rendering (SSR), and React Query for efficient state management.

☞ Adept at collaborating with cross-functional teams, mentoring developers, and enhancing user experiences.

☞ Experienced in deploying applications using Nginx and Apache servers with automated testing and deployment.

☞ Skilled in implementing dynamic routing, API routes, and managing bulk email queues using Bull MQ.

☞ Familiar with version control tools like Git and GitLab, and utilizing React Hook Form for efficient UI development

TECHNICAL COMPETENCIES

- ☞ **Frontend Technologies:** React.js, Next.js, Redux, React Query, React Hook Form, Tailwind CSS, Material UI (MUI), Bootstrap.
- ☞ **Backend Technologies:** Node.js, Express.js, RESTful APIs, Bull MQ.
- ☞ **Databases:** MongoDB, MySQL,
- ☞ **Version Control:** Git, GitLab, Github.
- ☞ **Cloud & Deployment Platforms:** Netlify, Render, Vercel.
- ☞ **Programming Languages:** JavaScript, TypeScript, Python, Java.
- ☞ **DevOps :** CI / CD Pipeline, AWS EC2, Docker, Jenkins, Nginx, Apache
- ☞ **Other Tools & Technologies:** Postman, CI/CD Pipeline, Redis Caching, Dynamic Routing, API Integration, Redis , Jira .

PROFESSIONAL EXPERIENCE

1. Working with Biz Technologies, Powai as Sr. Mern Stack Developer
(April 1st, 2025 to still working

Project Descritpion :-
At Biz Technologies Ltd., I contributed as a full-stack blockchain developer working on cutting-edge Web3-based platforms. My role involved developing decentralized applications, integrating smart contracts across frontend and backend layers, and modernizing legacy systems to leverage scalable, maintainable JavaScript architecture. The projects spanned a diverse set of domains including DeFi, NFT, social platforms, trading bots, and gamified reward systems.

Key projects included:

Decentrawood – **A Web3-enabled digital platform.**

NexDefi – **An exchange trading bot supporting BNB and Polygon networks.**

NFT Marketplace – **For minting, trading, and auctioning NFTs.**

SocialTag – **A decentralized content-sharing system.**

Copy Trading Bot – **Based on the NEFI token.**

Blockchain Game – **A token-based game with automated reward distribution mechanisms.**

Responsibilities

☞ Integrated Ethereum-compatible smart contracts across both client and server layers using Web3.js and Ethers.js.

☞ Developed scalable MERN stack applications with secure blockchain interactions.

☞ Implemented token-based game logic, including wallet authentication and reward distribution mechanisms.

☞ Built robust REST APIs and Web3 RPC interfaces to enable seamless contract communication.

☞ Migrated legacy JavaScript codebases to modern ES6+, removing deprecated libraries and optimizing performance.

☞ Developed UI components and dashboards using React.js, Tailwind CSS, and Material UI for decentralized platforms.

☞ Coordinated smart contract testing and deployment across BNB Chain and Polygon (Mumbai/Testnet/Mainnet).

☞ Automated blockchain transaction validation and ensured error handling in token swaps and copy-trading flows.

☞ Collaborated with cross-functional teams to align blockchain integration with product goals.

☞ Ensured security best practices in wallet connection, token transfers, and user session management.

2. Working with CHANGE Networks, Ghansoli as a Jr. Mern Stack Developer
(May 23rd, 2024 to March 30th, 2025)

Project	**: PHP to MERN Migration**
Domain	**: Networking Device**
Role	**: Jr. Mern Stack Developer**

Project Description

CHANGE Networks is a leading networking solutions provider that specializes in supplying a wide range of networking devices, including routers, switches, firewalls, and other advanced networking products. The company focuses on delivering high-performance and secure networking solutions to businesses, ensuring seamless connectivity and robust infrastructure. With a commitment to innovation and customer satisfaction, CHANGE Networks supports enterprises in optimizing their network performance and enhancing overall operational efficiency.

Responsibilities

☞ Collaborating with stakeholders and team members to understand the existing PHP-based system and define the roadmap for migrating to the MERN stack.

☞ Analyzing and converting the backend logic from PHP to Node.js and Express.js while ensuring seamless functionality.

☞ Migrating the MySQL database to MongoDB and ensuring accurate data transfer and proper storage of previous records.

☞ Designing and implementing RESTful APIs for smooth communication between the frontend and backend.

☞ Developing dynamic and responsive UI components using React.js and enhancing the user experience with Tailwind CSS and MUI.

☞ Implementing caching mechanisms using Redis to optimize data retrieval and system performance.

☞ Integrating CI/CD pipelines for automated testing and deployment on Nginx and Apache servers.

☞ Conducting code reviews, identifying performance bottlenecks, and troubleshooting issues to ensure a smooth transition.

☞ Adding new features and functionalities to enhance the system's capabilities and meet user requirements.

☞ Maintaining proper documentation of the migration process and ensuring data integrity throughout the transition.

☞ Coordinating with cross-functional teams for seamless communication and timely project delivery.

3. MERN Stack Developer internship at Ganishka Enterprises.
   Role   : MERN Stack Developer Intern

   Responsibilities
   ☞ Conducted MERN stack training sessions, covering MongoDB, Express.js, React.js, and Node.js to enhance students' technical skills.
   ☞ Guided students in building full-stack web applications, ensuring best practices in coding and development.
   ☞ Designed and implemented RESTful APIs for seamless data communication between frontend and backend.
   ☞ Improved UI/UX using Tailwind CSS and MUI to create responsive and user-friendly interfaces.
   ☞ Assisted in deploying applications using Docker and CI/CD pipelines for automated builds and deployments.
   ☞ Monitored students' progress, provided feedback, and resolved technical challenges.
   ☞ Collaborated with team members to optimize project workflows and performance.
   ☞ Maintained documentation for project development and troubleshooting processes.

ACHIVEMENTS:

☞ Recognized as the Best NSS Volunteer for outstanding dedication to social service and community outreach programs.
☞ Awarded Best Camp Leader for managing a 7-day residential NSS camp, organizing events, and leading teams.
☞ Successfully organized and managed a 2-day college fest, ensuring smooth execution and team coordination.

ACADEMICS CREDENTIALS

☞ Perceiving Masters in IT from Mumbai University

☞ Completed BSC-IT from Mumbai University in 2024 with 9.17 CGPA.

☞ Completed HSC from Mumbai University in year 2021 with 80%.

☞ Completed SSC from Maharashtra board in year 2019 with 71.40%.

PERSONAL INFORMATION

➢ **Date of Birth** : 24th January, 2003

➢ **Language** : Hindi, English, Marathi

➢ **Permanent Address** : PMGP Colony, Mankhurd (w), Mumbai-43

I hereby declare that all the above information given by me is true of my best knowledge.

Date:
Place: Mankhurd, Mumbai   (Vaibhav Vasant Patil)