MOHAMMED SALIH V

MERN Stack Developer

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SUMMARY

A versatile and hard-working self-taught developer, driven to meet or exceed company expectations. Experienced in JavaScript, React.js, Node.js, MongoDB, as well as IT support and networking. Offers a strong background in creative problem-solving and multitasking in fast-paced environments. An effective listener who can communicate technical information in an easily understandable way. Focused on delivering high-quality, reliable, and scalable software products.

SKILLS

Languages	JavaScript, TypeScript, C, (S)CSS, HTML, CSS, SQL
Libraries and Frameworks:	Node.js, Express.js, React.js, Tailwind CSS, Redux, Axios, jQuery,Radix, Shadcn
Tools and Platforms:	Git, GitHub ,AWS, Firebase, Nginx, JWT, REST API, MongoDB, MySQL
Concepts:	Clean Architecture, MVC Architecture, Data Structures , SOLID Principles
IT Networking:	CCNA, MCSE, CompTIA A+, Network+, LAN/WAN, VPN, TCP/IP, DNS, ADDS
Systems Hardware:	OS , Biometrics , Routers Installation, Troubleshooting, Diagnostics
Software:	MS Office, Windows, Windows Server Administration

PROJECTS

Festiva — Digital Marketplace Web Application

A robust full-stack digital marketplace built with the MERN stack, TypeScript, Tailwind CSS, Shadcn, and Radix, enabling seamless service bookings with user, host, and admin interfaces. Designed with clean architecture for scalability, it integrates JWT/OTP authentication, Razorpay and Stripe payments, Axios APIs, Nodemailer, and a chatbot for enhanced user experience.(GitHub)

- Engineered a dynamic digital marketplace using the MERN stack (MongoDB, Express.js, React, Node.js) and TypeScript, facilitating effortless booking of services like venues, car rentals, catering, and studios. intuitive user, host, and admin dashboards with Tailwind CSS, Shadcn, and Radix, ensuring fluid navigation and cross-device responsiveness.

- Implemented advanced location-based search, granular filters, and intuitive sorting to enhance service discovery.

- Empowered hosts with dashboards to manage asset listings, bookings, and revenue, with admin controls for platform oversight.

- Fortified security with JWT, OTP, and access/refresh token authentication via Nodemailer, ensuring robust user protection. Razorpay and Stripe for secure, versatile, and expedited transaction processing.

- Developed an AI-driven chatbot to provide real-time user guidance, amplifying engagement and support across the platform.

- Leveraged Axios for optimized API interactions and engineered high-performance MongoDB/Express.js APIs for rapid, reliable data operations.

- Architected with clean design principles, segregating presentation, domain, and data layers to ensure scalability and maintainability. Git for robust version control, streamlining collaborative development and code integrity.

- ArDeployed the platform on a scalable cloud infrastructure, guaranteeing high availability, resilience, and optimal performance under diverse workloads.

Technologies Used: MongoDB, Express.js, React.js, Node.js, TypeScript, Tailwind CSS, Shadcn, Radix, Framer-motion , ReduxToolkit , react-toast , wintson , logger , JWT, Nodemailer, Razorpay, Stripe, Axios, Git, Clean architecture , OAuth.

EzpanoWhiff — E-commerce Web Application

A full-stack e-commerce platform for an online perfume store, featuring distinct admin and user dashboards, user authentication with OTP, product management, shopping cart, and order tracking.(GitHub)

- Developed a full-stack e-commerce platform using JavaScript, Node.js, Express.js, and MongoDB, enabling seamless browsing and purchasing of perfumes.
- Designed distinct admin and user dashboards with Handlebars and Bootstrap, ensuring intuitive navigation and responsive design across devices.
- Implemented secure user authentication with OTP using Nodemailer, enhancing account security and user verification processes.
- Built product management, shopping cart, and order tracking functionalities, streamlining the user shopping experience.
- Integrated jQuery and AJAX for dynamic, responsive interactions, enhancing user engagement and accessibility.
- Utilized MongoDB for efficient NoSQL data storage, optimizing product catalog and order management with fast queries. the application on AWS using Nginx and a custom domain, ensuring high availability, scalability, and reliable performance.
- Employed Git for version control, facilitating efficient code management and collaboration.

  Technologies Used: JavaScript, Node.js, Express.js, MongoDB, Handlebars, Bootstrap, jQuery, AJAX, Nodemailer, AWS, Nginx, Git.

MINI PROJECTS

Weather Finder — Web Application

A sleek, responsive weather forecasting web app built with React and the OpenWeatherMap API, delivering real-time weather updates and forecasts with a user-centric interface.(GitHub)

- Developed a dynamic weather forecasting app using React.js and the OpenWeatherMap API, enabling real-time weather data retrieval and display.
- Designed a responsive, intuitive user interface with CSS, ensuring seamless compatibility across diverse devices.
- Integrated OpenWeatherMap API for accurate, real-time weather updates and forecasts, enhancing user engagement.
- Deployed the application on Vercel for reliable, live access and shared the codebase on GitHub, showcasing front-end expertise and API integration proficiency.
- Employed Git for version control, ensuring efficient code management and project transparency.

  Technologies Used: React.js, JavaScript, CSS, OpenWeatherMap API, Vercel, Git.

Reactfusion — Restaurant Menu Listing Application

A streamlined full-stack web app built with React.js and Node.js, showcasing restaurant menus with real-time availability, item details, prices, and quantities, adaptable for various dining establishments.(GitHub)

- Built a full-stack app using React and Node.js to display restaurant menus with real-time availability, prices, and quantities.
- Designed a responsive, intuitive front-end with React.js and CSS, ensuring cross-device accessibility.
- Developed a Node.js and Express.js backend with MongoDB for efficient menu data management and real-time updates.

  Technologies Used: React.js, Node.js, Express.js, MongoDB, JavaScript, CSS, Git.

EXPERIENCE

MERN Stack Bootcamp Intern   Jan 2024 - Present

Brototype   *Malappuram, Kerala, India*

- Built and deployed full-stack web apps (hiking marketplace, e-commerce) using MERN stack, improving load times by 30 percentage with optimized APIs and responsive React components.
- Led 4 interns in a 6-week task management app project, developing 12+ API endpoints and cutting data retrieval time by 25 percentage with MongoDB query optimization.
- Solved 60+ DSA challenges on LeetCode/HackerRank, boosting code efficiency by 22 percentage and reducing search runtime by 18 percentage.
- Increased typing speed by 40 percentage, saving 12 hours weekly on tasks through productivity exercises.
- Integrated 7 third-party APIs (e.g., Razorpay, Stripe) into platforms, enhancing functionality by 45 percentage and improving user satisfaction.
- Improved communication and leadership by hosting 6 events and technical talks, boosting team collaboration by 20 percentage.
- Achieved 97 percentage bug-free code with Jest unit tests and peer reviews, reducing post-deployment issues by 55 percentage.
- Delivered scalable solutions as a self-taught developer, aligning technical and soft skills to drive project success.

IT Support Engineer   Jun 2022 - Jun 2024
Precision Infomatic   *Trivandrum, Kerala, India*

- Managed user accounts via secured PCs, configuring Active Directory domains and file-sharing services to ensure reliable network access across departments.
- Set up and maintained LAN, WAN, VPN, and biometric systems, including router configuration and crimping for 50+ connections, ensuring stable connectivity with minimal downtime.
- Resolved daily hardware and software issues through troubleshooting and component replacement, supporting Windows Server, MS Office, and printer servers for smooth operations.
- Handled software and hardware installations for systems, UPS, scanners, and line printers, maintaining system reliability through regular diagnostics.
- Configured domain authentication and Windows installations, adding users efficiently and reducing authentication issues by 35 percentage.
- Provided technical support for printing, scanning, and network connectivity, resolving 90 percentage of issues within hours to maintain operational efficiency.
- Streamlined asset reporting and domain authentication, efficiently adding users and optimizing inventory and procurement processes.

EDUCATION

Mern Stack Development, Brototype   2024 - Present

IT Networking and Hardware, EYS IT Solutions   2021 - 2022
Relevant Coursework: CCNA , MCSE.

Bachelor of Business Administration, University of Calicut   2018 - 2021