NIHAL MUHAMMED
FULL STACK DEVELOPER

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Profile

Highly motivated Full Stack Developer with nearly two years of combined professional experience, including over a year of industry work and a substantial internship. Proficient in Angular, React js, Node.js, JavaScript, TypeScript, HTML5, CSS3, and MongoDB. Skilled in building scalable web applications and delivering high-quality code. Known for effective collaboration with cross-functional teams to deliver high-quality software solutions. Committed to continuous learning and leveraging AI tools to enhance productivity and efficiency.

SKILLS

- **Frontend**: React js | Angular | JavaScript | Typescript | Redux | HTML 5 | Tailwind Css | Scss | Bootstrap | Handlebars (hbs) | React Native
- **Backend**: Node js | MongoDB | Express js | NoSQL | PostgreSQL | MySQL | REST Api
- **Deployment & Other Tools**: Git | Aws EC2 | Aws Amplify | Route 53 | Netlify | Figma | Communication | Leadership | Team work

EXPERIENCE

Jr. Full Stack Developer   **Monolith Technologies**   *Chennai,India* | 04/2023 - Present

- Created a comprehensive Human Resource (HR) management system that streamlined the management of employee expenses, leave tracking, workflow management, multi-level approvals, task management, and employee data maintenance across 4+ countries.
- Led the **front-end UI development**, ensuring an intuitive and user-friendly interface, including the creation of a calendar for upcoming events, an organizational chart, dynamic list pages for leave and expense tracking, and over 5+ modules.
- Managed **backend operations**, including **API creation** and writing complex **aggregation pipelines**, ensuring efficient data processing and seamless integration with the front-end UI.
- Ensured code quality and adherence to coding standards, and implemented agile project management using **Jira** for effective task tracking and team collaboration.
- Mentored 2 interns in front-end development, enhancing their skills and contributing to project success.
- Technologies used: **Angular 16**, **Node.js**, **Express.js, MongoDB.**
- Reduced organizational costs by 30% replacing BambooHR with a more efficient, custom-developed application.
- Developed Monolith academy website using **Pug.js**.

MERN Stack Developer, Intern   **Brotype**   *Calicut,India* | 07/2022 - 03/2023

- Spearheaded both an **E-commerce** website and a **social media** web application from scratch.
- Established **JWT**-based authentication and authorization mechanisms across the entire website, ensuring secure access and data protection.
- Designed **MongoDB Schemas** tailored to the specific needs and requirements of our users, optimizing data organization and retrieval for enhanced performance.
- Demonstrated a high level of proficiency in utilizing **code versioning** tools, with a particular emphasis on **Git**, to efficiently manage and collaborate on the project's source code.
- Technology used: **Node.js, Express.js, React js, and MongoDB**

EDUCATION

Bsc. Computer Science   **University of Calicut**   06/2019 - 03/2022

- Built a comprehensive project to educate users on the functionality and repair of home appliances, incorporating detailed guides and instructional videos.

PROJECTS

Weshare | Social Media Web Application [Repository](#)

- Social social media web app where user can share there photos, follow their friends, and chat with friends.
- Technology used: **Node.js, Express.js, React, and MongoDB**
- Authentication with **JWT**.
- Global State Managed using **Redux Toolkit.**
- Established an image store with **Cloudinary**.
- Users chat system using **Socket.io**.
- OTP verification using **Twilio**.
- Hosted backend on **AWS EC2** and frontend on **AWS Amplify**,

E-Commerce Website [Repository](#)

- Crafted an e-commerce website for perfumes with features such as product management, coupon management, order management, user management, and sales reporting in PDF and Excel formats, including sales overview charts.
- Technology used: **Node.js, Express.js, hbs, and MongoDB**.
- Deployed authentication using **Session** and **cookies**.
- OTP Verification using **Twilio**.
- Integrated **Razorpay** for online payment.

MIN-PROJECTS

Food Ordering Android Application [Repository](#)

- Food ordering **android** application using **React Native.**
- Global state managed using **Redux.**
- Search capability with **debouncing** to enhance the user experience.
- Custom hooks.

Netflix clone [Repository](#)

- Built a replica of the Netflix platform using **React**.
- Integrated **TMDB API** to retrieve movie and TV show data.