AYESHA SK
MERN Stack Developer

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Professional Overview

Passionate MERN Stack Developer with 1 year of professional experience building scalable web applications using **React.js, Next.js, Node.js, Express.js, and MongoDB**. Proficient in implementing real-time features with Socket.io, creating smooth animations with GSAP, and securing applications using JWT-based authentication.

Experience

WHY Global Services   Chennai
MERN Stack developer   07/2024 - Present

- Developed and maintained full-stack web applications using MongoDB, Express.js, React.js, and Node.js (MERN) to deliver responsive and scalable solutions.
- Optimized development workflows, reducing project completion time by 20% through automation and process improvements.
- Implemented RESTful APIs and integrated third-party services to enhance application functionality and performance.
- Worked together with UI/UX designers to build reusable React components and ensure pixel-perfect, mobile-first front-end interfaces, which boosted customer satisfaction by 25% (based on feedback/testing).
- Improved backend performance by optimizing MongoDB aggregation pipelines and indexes**,** reducing API response time by **30%** and database load by 20%**.**
- Managed application state using Redux and Context API, improving code maintainability and scalability across modules.
- Used Git for version control and collaborated in Agile/Scrum environments with tool like GitHub.
- Deployed applications on Render, Vercel, and Heroku**,** using CI/CD pipelines to automate testing and deployment workflows.

Freelance Frontend Developer   Remote
React.js developer   03/2022 - 08/2024

- Built and maintained dynamic web interfaces using React.js, JavaScript (ES6+), HTML5, and CSS3, enhancing user experience across desktop and mobile devices.
- Created reusable and modular components with React Hooks and functional components, reducing code duplication by 40%.
- Integrated RESTful APIs to fetch and display dynamic content, ensuring seamless data flow between frontend and backend systems.
- Optimized application performance by implementing lazy loading, memoization, and efficient rendering techniques.
- Cooperated with UI/UX designers to implement pixel-perfect designs and responsive layouts using frameworks like Tailwind CSS and Bootstrap.
- Deployed applications on Render, Vercel, and Heroku**,** using CI/CD pipelines to automate testing and deployment workflows.

Projects

TripMate – – React.js, Node.js, Express.js, MongoDB, Socket.io, Google API
∞ GitHub | ∞ Live Site Link

A Real-time cab booking web application using MERN Stack, Socket.io, Google API

- **Designed and developed a real-time cab booking web application** using the MERN stack to connect riders with available drivers.

- **Integrated Google Maps API** to display real-time driver and rider locations, route directions, and estimated time of arrival.
- **Enforced real-time communication between users and drivers** using Socket.io for instant ride status updates and location tracking.
- **Built a secure user authentication system** using JWT for both riders and drivers, with role-based access controls.
- **Established dynamic and responsive frontend UI** using React and Tailwind CSS, enhancing user experience across devices.
- **Developed RESTful APIs with Express.js and Node.js** for user management, ride booking, payment initiation, and driver allocation.

E-commerce Website – React.js, Node.js, Express.js, MongoDB

∞ GitHub

- **Developed a full-featured e-commerce web application** using the MERN stack, enabling product listing, user authentication, cart management, and order processing.
- Fortified e-commerce web application security via **integration of JWT tokens** and **bcrypt password hashing**, preventing at least 100 unauthorized login attempts per week and minimizing potential data breaches.
- **Built reusable and responsive UI components** with React for seamless state management across user and admin dashboards
- **Initiated RESTful APIs using Express.js and Node.js** for product management, user accounts, order processing, and cart operations.
- **Used MongoDB Atlas for cloud-based data storage** and utilized Mongoose for schema validation and efficient database operations.

Jobify Webapp – React.js, Node.js, Express.js, MongoDB

∞ Live Site Link

- Developed a feature-rich job portal with **JWT authentication** for secure login/registration and **role-based access** for admin controls.
- Built a dedicated **admin dashboard** to manage users and job postings.
- Integrated **search debouncing**, **RESTful APIs**, and **MongoDB aggregation** for efficient filtering.
- Deployed on **Render** for smooth and reliable performance.

Apple iPhone Website Clone – React.js, Three.js, GSAP

∞ Live Site Link

- Developed a visually captivating iPhone landing page with immersive 3D model integration using **Three.js**.
- Engineered smooth, high-performance animations for UI transitions with **GSAP**, enhancing visual appeal.
- Ensured optimal responsiveness and interactivity across devices for a seamless user experience.
- Collaborated on UI/UX design decisions to maintain a modern, intuitive interface consistent with brand identity.

Technical Skills

Frontend Frameworks & Libraries: React.js, Next.js, Tailwind CSS, Redux, Redux Toolkit

Programming Languages & Web Technologies: HTML5, CSS3, JavaScript, Typescript, Bootstrap, GSAP

Backend & Database: Node.js, Express.js, MongoDB

Other Tools & Platforms: Git, GitHub, REST APIs, Socket.io, JWT, Sentry, Figma

Soft Skills

- Strong communication & Time management
- Leadership & Teamwork
- Creative problem solving

Education

C. Abdul Hakeem College of Engineering & Technology, Vellore	Melvisharam, Vellore
Bachelor of Engineering (Computer Science)	CGPA: **8.2** / 10.0	2018 - 2022
Habeeb Matric Hr. Sec School, Gudiyatham	Gudiyatham, Vellore
12th	Percentage: **72%** / 100%	2018
Crescent Matriculation School, Gudiyatham	Gudiyatham, Vellore
Degree and Field of Study	Percentage: **94%** / 100%	2016

Certifications

MERN Full stack development certified in
Whytap

Languages

English, Tamil, Hindi, Telugu, Urdu

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge

Date:

Signature: