JASEENA K

FULL STACK DEVELOPER

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Technical Skills

Front-End: React.js, Next.js, Bootstrap, HTML, CSS

Back-End: NestJS, Express.js, Node.js

Database: PostgreSQL, MongoDB

Languages: JavaScript, TypeScript

Others: Git, REST API, TypeORM, Mongoose, Redux, Context API

Soft Skills: Problem-Solving, Teamwork, Agile Practices

Experience/Projects

Upcode Software Labs   **June 2024 – Present**

Full Stack Developer Intern   *Malappuram, Kerala*

- Developed **responsive** and user-friendly **e-commerce applications** with technologies including **React.js, Next.js, NestJS, Node.js, MongoDB, TypeScript**, and **Bootstrap**
- Engineered a robust **Institution Management System** using **Next.js** and **NestJS**, applying modern web development practices.
- Integrated **RESTful APIs** to dynamically fetch and render data, significantly improving app interactivity and performance.
- Used **Git** for version control to maintain a clean and structured codebase, ensuring smooth collaboration across the development team.
- Actively engaged in daily stand-ups and sprint planning meetings, contributing to **Agile development** workflows and aligning development tasks with project goals.
- Showcased strong **problem-solving abilities** and quickly adapted to new technologies and tools in a fast-paced environment.

Projects

Institute Management System (NextJs + NestJS + PostgreSQL)

- Developed a **full-stack web application** to manage institutes, courses, and students efficiently.
- Built a **role-based dashboard** for Institution Admins to manage courses and student records.
- Designed an Admin Portal for Super Admins to oversee institutions and system-wide settings.
- Implemented **secure authentication & role-based access control (RBAC)** for user management.
- Designed a **modern, responsive UI** using Next.js & Bootstrap, ensuring an intuitive user experience.
- Integrated **PostgreSQL** with **NestJS** for a scalable and optimized backend architecture.

QuickCart E-commerce Application (NextJS + Bootstrap +Strapi)

- **Created** a feature-rich shopping platform using NextJs and Bootstrap, **incorporating** detailed product information and cart management and a responsive UI.
- **Enhanced** user interaction with an efficient add-to-cart functionality and comprehensive checkout process.
- Integrated **Strapi CMS** as a backend to manage products dynamically with real-time updates.
- Designed a visually appealing and user friendly user interface to ensure an optimal shopping experience.

ShopQuik E-commerce Application (ReactJs + Bootstrap + Redux)

- Developed a **responsive e-commerce platform** using **ReactJs and Bootstrap**, ensuring seamless browsing across devices.
- Implemented **context-based state management** for efficient product filtering, cart management, and checkout

experience.

- Designed an **interactive and user-friendly UI**, optimizing the shopping experience with smooth navigation.
- Enhanced user engagement with **intuitive add-to-cart functionality** and a streamlined **checkout process**.

Portfolio Website (HTML,CSS, Bootstrap)

- Built a responsive personal portfolio to showcase skills, experience, and projects.
- Included sections like About, Projects, and Contact.
- Integrated project details with GitHub links and screenshots.

E-commerce API using PostgreSQL(Node.js, Express.js, PostgreSQL, TypeORM, REST API)

- Designed and developed a fully functional RESTful API backend for an e-commerce platform using **PostgreSQL** and **TypeORM**.
- Implemented core modules: **Category**, **Brand**, **Product**, **Customer**, and **Order** management.
- Structured and optimized relational database schemas with **data integrity** and **relationship mapping**.
- Applied **CRUD operations** for efficient data handling.

E-commerce API using MongoDB(Node.js, Express.js, MongoDB, Mongoose, REST API)

- Built an API-driven e-commerce backend using **MongoDB** and **Mongoose** ODM.
- Modeled **Category**, **Brand**, **Product**, **Customer**, and **Order** collections to suit NoSQL architecture.
- Focused on modular code structure, middleware, and proper error handling for maintainability.

Key Strengths

- Proficient in full stack-end development with a strong foundation in React.js, Next.js, NestJs ,NodeJs and TypeScript.
- Experienced in creating responsive and user-friendly web applications.
- Adept at problem-solving and collaborating effectively within teams.
- Quick learner with the ability to adapt to new tools and technologies seamlessly.

Education

University of Calicut   **2004 - 2007**

Master of Computer Applications (MCA)   *Calicut,Kerala*
  (82.33%)