Ashil Thomas

FULL STACK WEB DEVELOPER

Aspiring Full Stack Web Developer with internship experience and expertise in MongoDB, React, Express, and Node.js typescript. Skilled in creating dynamic web applications and eager to contribute to innovative projects

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🌐 https://github.com/ashilthomas

SKILLS

- Git
- Html
- css
- NodeJS
- Javascript
- MongoDB
- React
- ExpressJS
- Tailwindcss
- Bootstrap
- Typescript
- Restful Api

EXPERIENCE

Internship
Entri *Jun 2023 - May 2024*
- Developed and maintained web applications using MongoDB, React, Express, and Node.js.
- Gained hands-on experience in full stack development and agile methodologies
- Gained practical experience in version control using Git and collaborative development via GitHub.

PROJECTS

Online Book store
- Developed a full-stack web application for an online bookstore, enabling users to browse, search, and purchase books, with separate sections for user and administrator functionalities.
- Implemented secure user registration and authentication using JWT.
- Developed browsing and search functionalities for books by categories and keywords.
- Created detailed book information pages.
- Built a shopping cart and secure checkout process.
- Developed an administrator dashboard for book and order management.
- Designed a responsive user interface.
- **Technologies Used:** Utilized React.js and Tailwindcss for frontend, Node.js and Express.js for backend, MongoDB for database, JWT for authentication, Razorpay APIs for payments, RESTful API architecture
- **Link**:https://online-bookstore-web.netlify.app

Food Order Website
- Developed a dynamic food ordering website with extensive customization options for users.
- Users can choose their preferred hotel, select from a variety of food items, and specify quantities.
- Users receive real-time notifications confirming their orders. using nodemailer
- Only registered users can access the website, ensuring data privacy and security.

- Integrated a discount coupon system, allowing users to apply codes during the payment process.
- Provided an option for users to cancel orders via a dedicated hyperlink.
- Implemented a fully responsive design to enhance user experience across devices.
- Developed an admin panel with secure authentication and authorization for managing users and orders using JWT (JSON Web Token).
- Ensured strict confidentiality measures to protect users' personal information, including usernames, email
  addresses, mobile numbers, and passwords
- Admins can manage food items, including adding high-quality images to enhance visual appeal
- **Frontend**: React.js for building a responsive and interactive user interface
- **Backend**: Node.js and Express.js for server-side logic and API development
- **Database**: MongoDB for storing user data, orders, and food items
- **Security**: Implemented JWT for secure user authentication and used Nodemailer for sending email notifications.Razorpay APIs for payments
- Deployment: Hosted on [frontend in netlify ,backend in Render and database in MongoDb atlas, AWS, .]
- **Link**:https://foodorderweb1.netlify.app/

Ai ChatBot

- **FrontEnd:**
- AI Chatbot | Full Stack Project (React, Node.js, TypeScript)
- Built using React with TypeScript for robust, type-safe development
- Integrated Tailwind CSS to create a responsive, clean, and modern user interface.
  Used Redux for global state management to efficiently handle user sessions and chat data.
- React.memo and useCallback to optimize re-rendering and performance.
- **BackEnd:**
- Developed using Node.js with Express and TypeScript to ensure scalable and maintainable server-side logic.
- Integrated with MongoDB Atlas as the cloud database, supporting chat history persistence.
- Utilized Axios to handle API requests between the front and backend for real-time chat communication.
- **Features**:
- Add, delete, and manage chats, including retrieving previous conversations.
  Full CRUD operations on chats, allowing users to create new chats or revisit existing ones.
- **Link:**https://aichatbotts.netlify.app