AKHIL BABU S

Trivandrum, Kerala

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ABOUT ME

- Self taught MERN stack developer based on Trivandrum,Kerala, curious to learn more about developing scalable distributed systems, loves problem solving and cares about writing readable as well as maintainable code.

SKILLS

Expertise: MongoDB, Express JS, React JS, Node JS, Javascript, Bootstrap, CSS, HTML, SCSS, Socket.io, MVC architecture, redux, Context API, clean architecture
Developer Tools: VS Code, Sublime
Also used: GitHub, Git, postman, thunder client, jwt, Tailwind, Cron, Recoil
Other Skills: Chakra UI , Material UI, Sass UI, Netlify, Vercel, Render
Integrations: Razorpay, Cloudinary, node mailer, Emailjs, Oauth 2.0, multer, Stripe

EDUCATION

Udaya Polytechnic College   **08 2019 – 04 2023**
*Diploma in Mechanical - **CGPA** - **9.2***   *Kanyakumari, India*

St Johns HSS, Nalanchira   **06 2017 – 04 2019**
*Computer Science - **Percentage** - **80%***   *Trivandrum, India*

PROJECTS

Threads Clone - With Realtime chat feature ⬈
Tech used: Mongo DB, Express JS, React JS, Node JS,
Chakra UI, jwt, Socket.io, Cron, Recoil, Cloudinary   **04 2024**

- **Overview:** Developed an exact clone of the popular online meta application Threads, enhancing it with a real-time chat feature including image sharing capabilities.
- **Key Features:** Utilized MERN stack with Socket.io and Chakra UI for seamless functionality.Authentication and Authorization: Implemented secure JWT-based authentication and authorization for user accounts.Post Management: Enabled users to create, delete, like/unlike, and comment on posts.User Interaction: Implemented follow/unfollow functionality for user connections and engagement.Account Control: Provided users with the ability to update profile settings and freeze their accounts.Customizable UI: Implemented dark/light mode options for enhanced user experience.Real-Time Chat: Developed a chat application with image support, seen/unseen status for messages, and notification sounds.Activity Tracking: Included features to show online activity of users and suggest users to follow.
- **Achievements:** Successfully replicated the functionality of a well-known online platform while adding new features like real-time chat and image sharing.Implemented secure authentication, account management, and interactive user features.Utilized modern technologies to ensure scalability, performance, and user satisfaction.

BookMyFilm - Movie Booking platform ⬈
Tech used:React JS, Javascript, Bootstrap, CSS, HTML, Razorpay, node mailer, Cloudinary
QR Code generator, jwt, Recoil, Chakra UI, Material UI, Sass UI   **04 2024**

- **Overview:** Built a movie booking platform with user signup including email verification, JWT-based authentication, and Razorpay integration for ticket bookings and payments. Users receive email confirmations with QR code tickets. Admins can manage shows, view collections, and disable shows from the user interface.
- **Key Features:** Secure user signup with email verification and JWT-based login.Seamless ticket booking and payment process with Razorpay.Automated email confirmations with QR code tickets.Admin functionalities for show management and collections tracking.
- **Achievements:** Implemented end-to-end functionality with a modern tech stack for a user-friendly experience.Ensured secure authentication and payment processing for user and admin interactions.Streamlined ticket management and admin control for efficient platform operation.

Pen and Paper - Blog website ⬈
Tech used:Express JS, MongoDB, Node js, Javascript, Bootstrap, HTML, CSS
Express handlebars, jwt   **02 2024**

- **Overview:** Developed a blog website "Pen and Paper" with JWT-based user authentication for secure sign-up and login. Users can create, delete, and update their blogs, like others' posts, change email and username in account settings, and view other users' blogs.

- **Key Features:** Secure user authentication with JWT for sign-up and login.Blog management functionalities for creating, deleting, and updating user-specific content.Like feature for user interaction with other blogs.Account settings for changing email and username.Responsive design for optimal user experience.

- **Achievements:** Developed a functional and interactive blog platform using a modern tech stack.Implemented secure authentication and user-friendly blog management features.Enhanced user engagement with like functionality and account settings.

Medica - Medical store inventory management ⬈

<u>Tech used:</u>React JS, Javascript, Chakra UI, Context API   **04 2024**

- **Overview:** Developed a medical store management website using React JS, JavaScript, Context API, and Chakra UI.

- **Key Features:** Item Management: Implemented functionalities to add, delete, update, view, and search items in the medical store.Expiry Date Tracking: Included a feature to view the expiry date of items, enhancing inventory management.

- **Achievements:** Created a user-friendly interface for efficient management of a medical store's inventory.Implemented key features to streamline item management and expiry date tracking.

To-Do List ⬈

<u>Tech used:</u>Node JS, Cheerio   **01 2024**

- **Overview:** Developed a todo application using Node.js and Cheerio for efficient task management and organization.

- **Key Features:** Utilized Node.js for backend development, providing a robust and scalable platform.Implemented Cheerio for web scraping functionalities, enhancing data retrieval and manipulation.Created a user-friendly interface for adding, editing, and deleting tasks in the todo list.Ensured smooth task management with features like task completion status and priority levels.Used modern web development techniques for optimal performance and user experience.

- **Achievements:** Developed a functional todo app using Node.js and Cheerio for streamlined task organization.Utilized web scraping capabilities to enhance data retrieval and manipulation.Implemented key features for efficient task management and user satisfaction.

EXPERIENCE

Mashupstack ⬈   **11 2023 – Present**
Intern Trainee   *Thiruvananthapuram, India*

- Worked closely with senior developers to gain practical experience in MERN stack development, focusing on MongoDB, Express.js, React.js, Node.js and Javascript.

EXTRACURRICULAR & HOBBIES

- Watching Movies
- Drawing
- Reading Books

CERTIFICATIONS

- MERN stack Certification
- Be10x - AI Tools Workshop