AKHIL BABU S

Trivandrum, Kerala

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⌗ https://github.com/Akhilbabu456   Portfolio Website: https://akhil-babu-s.vercel.app/

ABOUT ME

- I'm a skilled Full Stack Developer adept in modern web technologies. With expertise in Node.js, Express.js, React.js, MongoDB, and UI frameworks like Chakra UI and Material UI, I specialize in building scalable applications. Proficient in RESTful API design, JWT authentication, real-time communication via Socket.io, and deployment on platforms like Netlify and Vercel, I bring a holistic approach to software development, ensuring robust and user-friendly solutions.

SKILLS

Expertise: MongoDB, Express JS, React JS, Node JS, Javascript, Bootstrap, CSS, HTML, Tailwind CSS, 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 , Firebase, ZEGO Cloud

EXPERIENCE

Mashupstack ⌞↗   **11 2023 – Present**
Intern Trainee   *Thiruvananthapuram, India*

- During my MERN stack internship, I developed web applications using MongoDB, Express.js, React.js, and Node.js. I designed React.js interfaces, built RESTful APIs with Node.js and Express.js, and managed databases in MongoDB. I collaborated on Git and GitHub for version control and participated in code reviews, enhancing my full-stack development skills and problem-solving abilities.

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*** *-* ***78%***   *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, ZEGO Cloud   **04 2024**

- **Overview:** I've successfully developed a Threads clone project showcasing my expertise. Leveraging MongoDB for data storage, Express.js for server-side logic, React.js for dynamic front-end, and Node.js for backend functionality, I've created a real-time chat platform using Socket.io snd live video call and sreen shareing for seamless communication.

  This project integrates JWT authentication for secure user access and incorporates features like user profile settings, comment threads, and live activity tracking. Deployment on platforms like Render ensures scalability and performance optimization. Overall, this project demonstrates my ability to architect and deliver complex, real-time applications in a MERN environment, showcasing proficiency in key technologies and best practices for modern web development. include more technical terms and make it ats freindly

- **Key Features:** Secure authentication, post management, user interaction, customizable UI, real-time chat, activity tracking, live video calling with screen sharing

- **Git repo:** https://github.com/Akhilbabu456/_thread_clone_mern

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
MongoDB, Express js, Node js   **04 2024**

- **Overview:** BookMyFilm is a robust movie booking platform developed using React JS for the front-end, MongoDB for database management, and Express JS with Node JS for server-side functionality, integrated seamlessly with Razorpay for secure payments, Node Mailer for automated email confirmations, and Cloudinary for image handling. JWT authentication ensures user security, while the UI is enhanced with Chakra UI, Material UI, and Sass UI for an engaging user experience. Key features include secure signup/login, smooth booking and payment processes, automated email confirmations with QR codes, admin tools for managing movies and ticket collections, and advanced functionalities like seat booking, QR code ticketing, and daily collection tracking, making it a comprehensive and efficient solution for both users and administrators.
- **Key Features:** Secure signup/login, seamless booking/payment, automated email confirmations with QR codes, admin functionalities.
- **Git repo:** https://github.com/Akhilbabu456/_movie_booking_mern

InkWell Chronicles - Blog App ⌇

Tech used:React JS, Javascript, Tailwind CSS, CSS, HTML, Firebase, Oauth 2.0
JWT, Redux, MongoDB, Express js, Node js   **04 2024**

- **Overview:** I have developed InkWell Chronicles, a blog project featuring both admin and user interfaces. The admin interface offers complete control over posts, users, and comments, while the user interface enables users to sign up using their emails, with verification through Google Authentication OAuth 2.0. Users can view, search, and comment on posts, with control limited to their respective blogs.

  Technologies utilized in this project include React JS, JavaScript, Tailwind CSS, CSS, HTML for front-end development, Firebase for real-time database management, OAuth 2.0 for user authentication, JWT for secure token authentication, Redux for state management, MongoDB for database storage, and Express JS with Node JS for server-side logic. This project showcases my proficiency in key MERN stack technologies and demonstrates my ability to create robust web applications with advanced functionalities and user authentication mechanisms.
- **Key Features:** User Actions: Add, delete, and update blogs; comment on blogs. User Authentication: Login with Google's verification using OAuth 2.0 and JWT. Admin Dashboard: Full control over comments, posts, and user management.
- **Git repo:** https://github.com/Akhilbabu456/mern_blog

CERTIFICATIONS

- MERN stack Certification
- Be10x - AI Tools Workshop