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 Java, Springboot, Hibernate, React.js, Mysql, Mongodb, Node.js, Express.js and UI frameworks like Chakra UI and Material UI, I specialize in building scalable applications. Proficient in RESTful API design, JWT authentication and deployment on platforms like Netlify and Vercel, I bring a holistic approach to software development, ensuring robust and user-friendly solutions.

SKILLS

Expertise: Mysql, MongoDB, Hibernate, React JS, Java, Springboot, Javascript, Express.js, Node.js, Bootstrap, CSS, HTML, Tailwind CSS, SCSS, MVC architecture, Redux, Context API, Clean architecture, Axios, Npm, Json, Xml, Springboot security
Developer Tools: VS Code, Sublime
Also used: Typescript, Github, Github page, Git, Postman, Thunder client, JWT, Cron, Recoil, Angular
Other Skills: Chakra UI , Material UI, Sass UI, Netlify, Vercel, Render
Integrations: Cloudinary, Emailjs, Oauth 2.0, Firebase, ZEGO Cloud

EXPERIENCE

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

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

PROJECTS

InkWell Chronicles - Blog App

Tech used: React JS, Javascript, Tailwind CSS, CSS, HTML, Firebase, Oauth 2.0
JWT, Redux, Mysql, Springboot, Springboot security, Java, JPA   **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, Mysql for database storage, and Springboot with Java for server-side logic. This project showcases my proficiency in key Java fullstack 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/java_springboot_mastery/tree/main/java_springboot_blog

Recipe app - Recipe shareing platform

Tech used: Angular, Javascript, Tailwind CSS, SCSS, HTML, Cloudinary
Material UI, Mysql, Springboot, Java, JPA, Springboot security   **04 2024**

- **Overview:** User developed a recipe sharing application using Angular, JavaScript, Tailwind CSS, SCSS, HTML, Cloudinary, Material UI, MySQL, Spring Boot, Java, JPA, and Spring Security. The project enables users to share and discover recipes, leveraging Cloudinary for image management, Material UI for UI components, and Spring Boot with Spring Security for backend services and authentication. The technology stack includes frontend technologies such as Angular, JavaScript, and CSS preprocessors like Tailwind CSS and SCSS for styling. The backend is built on Spring

Boot with Java and JPA for data persistence using MySQL. The project showcases proficiency in full-stack development, RESTful APIs, database management, security implementation, and integration of third-party services like Cloudinary for image handling.

- **Key Features:** Secure signup/login, seamless Recipe Creation and Sharing, Responsive UI, RESTful API Integration, Database Management.

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

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 screen 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.

- **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

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*

CERTIFICATIONS

- Java fullstack Certification
- Be10x - AI Tools Workshop