Aginas Pk
Full Stack Developer

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Profile Summery

Full Stack Developer skilled in building fast, responsive, and scalable web applications. Proficient in using MongoDB, Express.js, React, Next.js, Node.js, and TypeScript, along with tools like Redux, Tailwind CSS, Axios, and Git to create clean full stack solutions. Experienced in integrating REST APIs, managing authentication, and optimizing both front end and back end performance. Eager to contribute to impactful projects and grow in a collaborative development environment.

Technical Skills

Languages: JavaScript, TypeScript, MongoDB, SQL, HTML, CSS ,Python,C
Libraries & Frameworks: React, Next.js, TailwindCSS, Redux, Zustand, Bootstrap, Node.js, Express, WebGL, GSAP
Tools & Platforms: Git, Github Actions, Vercel, Render, Cloudflare, R2 Storage, Postman, Figma, Cloudinary, Razorpay, Stripe
Concepts: Clean Architecture, MVC Architecture, Agile Methodologies

Experience

Intern, *Bridgeon Solutions*   2024 - Present

- Built responsive and user friendly interfaces using React, Next.js, TypeScript, Redux, and Tailwind CSS, and connected them to backend services using RESTful APIs.
- Developed scalable backend functionality with Node.js, Express.js, and MongoDB, ensuring clean architecture and efficient data flow across the stack.
- Implemented real time features using Socket.IO, secure authentication with JWT and cookies, and integrated services like Cloudinary for image uploads and Razorpay for payments.

Projects

AccelUAV (Freelance) : Official Company Website | *Next.js, Typescript, TailwindCSS, MongoDB, WebGL*

- Delivered end to end web solution for drone technology company, managing full project lifecycle from stakeholder requirements gathering to production deployment.
- Engineered interactive 3D product showcase using WebGL and Three.js, enabling 360° drone exploration with zoom/pan functionality.
- Secure admin dashboard with JWT authentication and role based access control, empowering non-technical staff to manage product listings and content updates without developer dependency
- Architected responsive, mobile first design using Tailwind CSS with optimized loading performance, achieving 95+ Lighthouse scores across all metrics
- Deployed to production environment using Git version control, implementing SSL certificates, CDN optimization.

Gametic! : Sports Community Platform | *Next.js, Typescript, Express, MongoDB, Socket. IO, Razorpay*   GitHub:*Client/Server*

- Comprehensive sports platform with features for game hosting, venue booking, tournament management, and real time community interaction.
- Pixel perfect, accessible UI using Next.js and Tailwind CSS with server side rendering, achieving 98% mobile responsiveness score.
- Designed scalable RESTful APIs with Node.js/Express backend, implementing efficient data models and query optimization for the response times.
- Integrated real-time features using Socket.IO for live messaging, match updates, and push notifications.
- Secure payment gateway with Razorpay integration, JWT authentication, and HTTP-only cookies.

Letterboxed: Movie Review Platform | *React, Javascript, Express, MongoDB, Redux*   <u>GitHub</u>

- Created feature rich movie platform enabling users to create reviews, curated watchlists, and personalized recommendation engine
- Robust authentication system with JWT tokens, bcrypt password hashing, and session management, ensuring bank level security standards
- Architected efficient data models with MongoDB collections for users, reviews, and lists, implementing aggregation pipelines for faster query performance
- Responsive, intuitive interface using React hooks and Tailwind CSS, incorporating infinite scroll and search functionality with debounced API calls
- Optimized application scalability through code splitting, lazy loading, and Redis caching, supporting reviews with minimal performance impact

Education

Bachelor of Computer Application (BCA)   2021-2024

Calicut University, Kerala, India