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Abdul Aziz
Software Developer

Portfolio: Portfolio
github.com/userisaziz
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Software developer with 3+ years of experience in creating efficient, data-driven applications and robust architectures. Looking to contribute to innovative projects that drive value and enhance user experience.

EXPERIENCE

Client: AlmaBetter (via Antino)   **Nov 2024 — Present**

- Contributed to an ed-tech platform built using **Next.js** and **Strapi CMS**, implementing static generation and fetching structured content at build time for performance and SEO optimization.
- Integrated **AWS services** (S3, Lambda, and API Gateway) to handle file uploads, serverless functions, and secure API endpoints, improving scalability and reducing infrastructure overhead.
- Designed and implemented a dynamic Internship Listings page to highlight partnered companies, integrating CMS-driven content, advanced filtering, and responsive UI for enhanced user experience.
- Set up a CI/CD pipeline using **Jenkins** and **GitHub Actions**, automating deployments to staging and production with rollback support.

Client: Trimpixel (via Antino)   **Jan 2024 — Nov 2024**

- Architected a modular, multi-brand dashboard for clients like **Tanishq**, **Spinny**, **Bluestone**, and **Livspace**, supporting real-time data pipelines.
- Built a scalable audio tagging platform that automated manual workflows, reducing data ops effort by **30%** and accelerating AI model training.
- Enabled seamless integration with **AI/ML** pipelines for live data flow and tag ingestion, improving feedback loops.
- Implemented role-based access control to securely manage dataset visibility and permissions across dashboards.
- Embedded **Google Analytics** for behavioral insights, directly influencing data-driven UI/UX refinements.
- Spearheaded adoption of a **micro-frontend architecture** to decouple brand-specific modules, reducing release conflicts and enabling independent deployments.
- Containerized key services with **Docker**, improving developer onboarding and environment consistency.

Antino Labs   **May 2023 — Jan 2024**

- Led full-stack development of **Lion Charge**, a web + admin platform for EV charging, including customer-facing QR-based charging flows and internal management tools.
- Built critical modules like **CPO Support**, **CRM**, and **Alarm Monitoring**, using efficient polling, pagination, and debouncing strategies.
- Introduced QR-based session initiation for customers, resulting in a **25% increase** in platform usage and engagement.
- Optimized dashboard responsiveness by **20%** through caching, load balancing, and query optimizations.
- Developed a **Progressive Web App (PWA)** for faster load times, offline access, and mobile-first usability.
- Designed containerized environments with **Docker Compose**, streamlining local development and testing for cross-team collaboration.
- Automated deployments through **Jenkins pipelines**, integrating testing, linting, and build verification for reliable releases.

PROJECTS

Rover Dashboard   2024 | **GitHub** | **Live**

- Built a real-time rover control and monitoring system with **React**, **TypeScript**, **Express.js**, and **Socket.IO**.
- Delivered live sensor visualization, remote code deployment, and multi-rover support with containerized deployment (**Docker**).

AI ChatBot Interface   2024 | **GitHub** | **Live**

- Designed an AI-powered conversational interface with **React + Tailwind**, featuring streaming responses and chat history.
- Achieved sub-**200ms** response times, **1K+ conversations**, and a **95% satisfaction rate**.

Klb TurfBuddy   2024 | **GitHub** | **Live**

- Developed a multi-module turf booking app (**User, Owner, Admin**) using **React, Redux, Node.js, MongoDB**.
- Integrated **Razorpay payments**, reviews, dashboards, and admin oversight, serving **5K+ active users**.

Skills

Front-end	HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Next.js, Tailwind, MUI, Ant Design, Shadcn
Tooling	Webpack, Vite, ESLint, Prettier, Chrome DevTools, Git
Testing	Jest, React Testing Library,
API & Data	REST, GraphQL, Redux Toolkit
Performance	Lazy Loading, Code Splitting, Lighthouse, Core Web Vitals
CI/CD & Deploy	Docker, GitHub Actions, Jenkins, Vercel, Netlify
Back-end (Basic)	Node.js, Strapi, Express,AWS, MongoDB, SQL, Postman

Education

Bachelor of Engineering, *VTU University Belgaum*   May 2021

Certifications

Full Stack Development: JSpider Institute, Bangalore
The Complete 2022 Web Development Bootcamp by Dr. Angela Yu
The Complete JavaScript Mastery Course by Jonas Schmidtmann
React - The Complete Guide: Udemy