

ABDUL KHADER RIZAN

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Profile Summary

Developer with hands-on experience in full-stack development through an internship at Bridgeon Solutions and academic projects. Proficient in **Python, Django, JavaScript, React.js**, and RESTful API development, with a strong focus on building secure, scalable, and responsive applications. Skilled in database management with **PostgreSQL**, version control using **Git**, and UI/UX design with **Figma**. Demonstrates problem-solving ability, clean coding practices, and a commitment to continuous learning in modern software development.

Professional Experience

Bridgeon Solutions, Full Stack Developer (PYTHON+REACT) intern

04/2025 – Current

- Designed and developed responsive, accessible UIs using React, Tailwind CSS, and Redux Toolkit, focusing on clean code and mobile-friendly layouts.
- Built and maintained RESTful APIs with Django and Drf, implementing secure JWT authentication and cookie-based session management.
- Structured backend logic and models using Django ORM, optimizing performance through efficient queries and schema design, with clear knowledge in PostgreSQL.
- Contributed to both solo and team projects, delivering maintainable, scalable codebases with a focus on usability, performance, and reusability.

Skills

Python, JavaScript, HTML5, CSS3, React.js, Redux Toolkit, Tailwind CSS, Bootstrap, Django, Django Rest Framework, REST APIs, PostgreSQL, Git, GitHub Actions, Vercel, Agile methodologies, Performance assessment, Team collaboration, MVC, JWT, ACID, Figma, Aws, Ec2, S3, Rds, Sqrs, Ses, Iamda, Docker, Microservice Architecture, langchain, chromadb

Projects

Kam.Com Freelancer Platform (Ongoing), A scalable freelancing platform that connects clients and freelancers through AI-powered recommendations, secure bidding, and modular services. The system emphasizes real-time interactions, data-driven scoring, and administrative control.

Tech Stack: React (Vite), Django REST Framework, Python, PostgreSQL, Docker, ChromaDB, Hugging Face, Tailwind CSS, Docker, Redis, Celery, Celery Beat, Unit testing, AWS lamda

- **Microservice Architecture** – Built independent Django REST microservices for **Users, Bids, Payments, Notifications, and Scoring**, each with its own **PostgreSQL database** and secure REST APIs.
- **AI-Powered Freelancer Scoring** – Leveraged **ChromaDB** and **Hugging Face embeddings** to automate profile matching and personalized project recommendations.
- **Advanced Authentication & Security** – Implemented **JWT-based authentication, role-based access control, multi-factor authentication (MFA)** using **TOTP authenticator apps, and Google reCAPTCHA** for secure login and registration.
- **Admin Panel & User Management** – Provided full control over **user accounts, project approvals, soft/hard deletion, and restoration**, including a **recycle-bin feature** for managing deleted items.
- **Responsive Frontend UI** – Developed with **React (Vite), Redux Toolkit, React Bootstrap, and Tailwind CSS**, featuring **wishlist sidebar, charts, pagination, and real-time updates via Axios**.
- **Real-Time Operations & Notifications** – Enabled **instant notifications** for bids, project updates, and system alerts, ensuring timely interactions between users and freelancers.

- **Containerization & Local Deployment** – All services are **Dockerized** for easy local setup and modular development.
- **AWS Email & Messaging Integration** – Implemented **AWS SQS, Lambda, and SES** for reliable **asynchronous email delivery**, ensuring transactional and notification emails are sent securely and efficiently.
- **Background Task Scheduling** – Used **Celery** with **Celery Beat** to automate recurring tasks, including **email notifications, score calculations, and periodic data updates**, improving performance and reliability.

Waqth Watch Ecommerce, *react, redux, python, django, postgresql, redis, websocket* ↗

• **Seamless Shopping & Real-Time Notifications** – A feature-rich e-commerce platform for premium watches, offering product browsing, cart management, wishlists, order history, order cancellation, and secure checkout. Integrated real-time notifications using Redis, Django Channels, and WebSockets to instantly update users on order status and admin alerts.

• **Authentication, Authorization & Data Security** – Implements JWT-based authentication with access and refresh tokens, ensuring secure and controlled access. Leverages PostgreSQL for structured data management, maintaining products, users, and orders efficiently.

• **Admin Dashboard & Operational Control** – Provides an intuitive admin panel for inventory management, product updates, user management, and sales analytics, enabling complete operational oversight.

• **Optimized Performance & Modern UI** – Uses Redux for state management, pagination for faster load times, and a fully responsive UI with Bootstrap and Tailwind CSS to deliver a smooth shopping experience across all devices.

Education

Bachelor of Arts: Economics, *University of Calicut*

2024

Calicut

Master of Arts: Islamic and Human Sciences, *Darul Huda Islamic University*

04/2024

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