

Abdul Mueed Shahbaz

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WORK EXPERIENCE

Software Engineer II

Aug 2022 - Present

Redmath

Lahore, Pakistan

- Designed and developed headless reusable components in Vue JS, and React JS, enhancing code maintainability and flexibility through the implementation of **Design patterns**.
- Elevated code quality and maintainability by refactoring component code, utilizing composables, custom hooks, and directives.
- Handled microservice architecture in Spring Boot and Java, ensuring robustness and scalability of backend services.
- Collaborated with cross-functional teams, translating stakeholder requirements into actionable development plans for successful project outcomes.

Full Stack Software Engineer (Vue/Django)

June 2021 - Aug 2022

Ez Bridge

USA / Remote

- Implemented **Refresh Token Rotation based Authentication** for enhanced API security in Django Rest Framework, demonstrating commitment to data confidentiality and reducing the risk of data breaches.
- Integrated APIs from Google, Facebook, and Instagram into the platform to enhance influencer **Profile Ranking Algorithms**, thereby providing brands with **Advanced Analytics** on influencer reach and engagement.
- Designed reusable UI components in Vue.js with the **Decorator Pattern**, improving code maintainability and development efficiency across multiple projects.
- Enhanced the application by implementing robust Database-based, Text-based, and Request **Logging** mechanisms to mitigate developmental errors and streamline production debugging processes.

Fellow Game Developer

July 2021 - Sep 2021

Mindstorm Studios

Pakistan / Hybrid

- Innovated game mechanics with a dynamic power-up system, introducing 5 distinct abilities like **Speed Boosts**, and **Shields**, elevating gameplay depth and engagement.
- Implemented comprehensive solutions for **20** environmental challenges and rectified **10** UI bugs, refining user interaction and level design in the runner game.
- Enhanced the game's mechanics by refining running, jumping, and animation systems, resulting in a seamless gaming experience and heightened player satisfaction.

EDUCATION

Information Technology University

Lahore, Pakistan

PERSONAL PROJECTS

- **Authentication Microservice:** Implemented Refresh Token Rotation Authentication System with Hacker Detection for improved security and lower risk of token leakage using Django Rest Framework, MySQL, and Django Simple JWT. Facilitated Coupled Authentication with other applications, enabling secure integration by utilizing redirect URIs and URL parameters.
- **Authenticated Blogs Application:** Leveraged Spring Boot, Spring Security, and MySQL for secure blog management. Featuring user authentication, CRUD operations, and a responsive UI, it ensures a seamless blogging experience. Security is a priority with Spring Security. Simplify and secure your blogging needs with this efficient solution.
- **GlowBeyond:** Developed a robust e-commerce platform, GlowBeyond, with Vue.js frontend and Django Rest Framework backend, integrating with auth-application for secure login and JWT token authentication. Features include showcasing latest products, categorization, detailed product pages with add-to-cart functionality, cart management, and notifications.

SKILLS

Programming languages

- JavaScript
- Python
- Java

Technologies

- Spring Boot
- Vue.js
- React
- Git
- Apache Ignite
- Django
- Redux Toolkit
- Vuex
- Pinia
- Tailwind CSS
- MySQL
- Web Sockets
- REST APIs

Soft Skills

- Ownership
- Rigor
- Team work
- Communication

CERTIFICATIONS & ACCOMPLISHMENTS

- Mastered React intricacies with [Meta-React Advanced](#) certification.
- Acquired foundational knowledge of React with [Meta-React Basics](#) certification.
- Demonstrated Python proficiency through [MTA: Introduction to Programming Using Python](#) certification, leveraging diverse resources.
- Established a notable presence on [GitHub](#) with diverse JavaScript technology contributions, collectively amassing over **94** stars for my projects.