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

B.Sc. of Computer Sciences

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.