Salman Farooq

Software Engineer

sfarooq2@outlook.com ❖ Karachi, PK ❖ LinkedIn ❖ GitHub ❖ Portfolio

WORK EXPERIENCE

Sintek Studios   **April 2024 – Present**
Software Engineer (Independent)   *Remote*
- Co-developed and released Panther Tycoon, a Roblox multiplayer game with over **17000 plays**.
- Contributed to the game's combat system, incorporating logic for NPC and weapon interactions to provide a smooth combat experience.
- Created a robust auto-save system using Roblox DataStores.
- Integrated a leaderboard system that keeps track of players with the highest stats.
- Built the core mechanic that lets players unlock and upgrade their home base in increments while locking them behind parts that require more points.

Liquid Technologies   **June 2022 – February 2023**
Backend Software Engineer   *Karachi, Pakistan*
- Made significant contributions to the development of the backend system for Roam Trips, an e-commerce web application. Integrated STRIPE for secure payment processing.
- Integrated RabbitMQ's message broker system into the company codebase for asynchronous task handling.
- Incorporated a new functionality at the backend for an AI-based image recognition project which eliminates duplicate detections.
- Wrote and maintained test suites with Mocha/Chai; significantly reduced bug reports through early detection.
- Refactored legacy code, resolved tickets, and performed maintenance on existing projects.

Venture Dive   **March 2022 – June 2022**
Java Intern   *Karachi, Pakistan*
- Performed research and development on report generator software for internal company use.
- Under the guidance of Senior Engineers, I gained hands-on experience with Java's Spring Boot framework.

PROJECTS

Marketplace (Java, SpringBoot) - GitHub Repo
- Developed a RESTful API for a mock e-commerce web platform with CRUD operations.

In-App Currency Wallet (Node.js, MongoDB) – GitHub Repo
- A backend system that showcases a wallet service that uses in-app currency to purchase premium features. Users are authenticated and their balance tracked.

EDUCATION

Lancaster University   **October 2017 – June 2020**
BSc Hons Computer Science (2:1)   *Lancaster, UK*

Coursework
Distributed Systems, Software Design, Algorithms, Cybersecurity, Computer Networks, Artificial Intelligence

SKILLS

- **Languages and Version Control:** Java, JavaScript (Node.js), SQL, Luau, C, Git
- **Frameworks:** Express JS, SpringBoot
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Soft Skills:** Effective Communicator, Team-Oriented, Adaptable in fast-paced environments.