Usman Ali Ashraf

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Summary

Self-driven Software Engineer with 1+ year of freelance experience on Fiverr , delivering tech solutions that drive client success. Skilled at understanding business needs, building strong client relationships, and leveraging AI/ML insights to create data-driven growth strategies. Passionate about bridging technology and business to unlock new opportunities and fuel innovation.

Technical Skills

– **Languages:** C++, Python, C#, JavaScript, React.js, Node.js

– **Tools & Frameworks:** Visual Studio, VS Code, Git, Linux, Flask, scikit-learn, FastAPI, LangGraph

– **Concepts:** Object-Oriented Programming, Data Structures, Algorithms, Machine Learning, Business Strategy

Key Projects

– **Homelessness Prediction ML Model (Python, Random Forest):** Built a machine learning model to predict homelessness using socio-economic data, including Flask-based web app deployment.

– **Fortnite Game Modification (C++, ImGui):** Developed a cheat with memory manipulation and overlays.

– **CAPTCHA Solver Extension (Python):** Created a browser extension automating CAPTCHA solving using APIs.

– **Document-Based Database System (Python):** Developed a custom NoSQL database system (MongoDB replica) from scratch, implementing storage engine, query processor, indexer, and transaction management.

– **NADRA Management System (C#, Win Forms):** Developed a system for efficient data entry, search, and reporting.

Professional Experience

Freelance Software Engineer — Fiverr *2023 – Present*
Delivered end-to-end software solutions with strong client focus. Served over 40 clients in last 2 months on Fiverr, maintaining a 5-star review rating through quality work and timely delivery. Gained solid experience in client management, communication, and understanding business needs.

Teaching Assistant — UET Lahore *2023 – Present*
Supported programming courses with focus on data structures, algorithms, and software development. Helped students improve problem-solving skills and practical coding.

Education

Bachelor of Science in Computer Science *Expected: 2027*
University of Engineering and Technology (UET), Lahore

Leadership & Initiatives

– **Microsoft Student Ambassador:** Led workshops and tech sessions promoting Microsoft tools.

– **Lead @ Google Developer Groups (GDG) UET:** Led events, managed team operations, and drove student engagement in campus tech initiatives.

– **PR Member — Science Society UET:** Coordinated event marketing and communication.