


SALMAN FAREED CHISHTY

Software Developer / AI & Game Developer

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Portfolio: salman-dev-hub.netlify.app

Summary

Practical and results-driven Software Developer with experience in backend development, AI automation, game development, and data analysis. Skilled in Python, C++, EMU8086 assembly, and GUI development using Tkinter. Experienced in building AI chatbots, desktop assistants, and 3D game prototypes with database integration. Adept at full-stack development, low-level programming, and delivering production-ready software solutions.

Skills

Languages: Python, C++, JavaScript, SQL (MySQL, SQLite)

Frameworks / Tools: Tkinter, Unity, Ursina Engine, Node.js (concepts), Flask (concepts)

AI & Automation: ChatGPT API integration, speech recognition, WolframAlpha/Wikipedia integration

Game & 3D: Unity, Ursina, GLTF/GLB models, 3D animation pipelines

Low-Level / Systems: EMU8086 Assembly, CPU-level logic

Other: Data analysis, plotting, Git, Responsive web basics (HTML/CSS)

Soft skills: Problem solving, teamwork, documentation, project planning

Experience

Freelancer — SEO & Business Listings Specialist

Oct 2024 – Present

Remote

- Managed local SEO campaigns, optimized Google Business Profiles, conducted NAP audits, and built citations for small businesses.
- Improved search visibility and local rankings for over 30 clients using structured listing strategies and content submissions.
- Collaborated with clients to collect requirements, delivered analytics-backed listing improvements, and created supporting assets (PDFs, articles).

Independent Software Developer (Personal Projects)

2023 – Present

Self-employed / Academic Projects

- Designed and delivered multiple end-to-end projects including AI assistants, chatbots, and game prototypes—handling requirements, design, implementation, testing, and deployment.
- Maintained code repositories, documentation, and portfolio showcasing working demos and source code.

Projects

Voice-Activated “Jarvis” Assistant | Python, Tkinter, Speech Recognition

2025

- Voice-controlled desktop assistant with face/password login, persistent chat history, Wikipedia/WolframAlpha search, screenshot capability, and modular command handlers.
- Integrated ChatGPT API for conversational tasks and implemented secure local storage for history and credentials.

Smart ChatBot + Desktop Assistant Integration | Python, Tkinter, MySQL

2025

- Unified AI chatbot and desktop assistant into a single UI with persistent DB-backed chat history, context-aware responses, and automation workflows.
- Focused on robust DB connectivity, conversation context management, and modular plugin architecture for adding new commands.

Minecraft-style 3D Game (Prototype) | Ursina Engine, Python

2025

- Implemented chunk generation, optimized block rendering, player controls, block interactions, and basic lighting to create a playable prototype.
- Emphasized performance, user controls, and modular level design for future expansion in Unity or other engines.

Education

B.Sc. Software Engineering <i>Lahore Garrison University, Pakistan</i>	Expected 2027
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