

Muhammad Zain

Software Engineer | AI Automation & Backend Developer

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PROFESSIONAL SUMMARY

BS Software Engineering graduate with hands-on experience in Python/Django backend development, WordPress web development, and AI automation. Worked on real-world web projects involving APIs, authentication, databases, and e-commerce. Built AI automation workflows for local and online clients, including AI agents, chatbots, and data scrapers. Also has practical experience in 3D game development, NPC scripting, and basic game AI.

EDUCATION

The Islamia University of Bahawalpur
Bachelor of Science in Software Engineering

Sep 2021 – Jul 2025
Bahawalpur, Pakistan

WORK EXPERIENCE

Web Developer & Trainer
Kodefiz

Feb 2026 – Present
Bahawalpur, Pakistan

- Built responsive custom and WordPress websites
- Developed a WooCommerce online store for a client
- Set up product pages, shipping, and order tracking
- Trained students in HTML, CSS, and WordPress

Backend Developer Intern
Enigmatix

Jan 2025 – Aug 2025
Bahawalpur, Pakistan

- Worked on real-world web projects using Python and Django
- Developed and integrated REST APIs for web applications
- Implemented login, signup, and user authentication
- Worked with database integration and PostgreSQL
- Built a basic e-commerce website and a blogging application
- Worked on backend logic and core application functionality

Web Developer
Infinite IT Solution

May 2022 – Sep 2022
Bahawalpur, Pakistan

- Developed and customized client websites using WordPress
- Worked on website layouts, themes, plugins, and responsive design
- Built and maintained websites according to client requirements
- Improved website content, visual elements, and overall usability

AI Automation Developer
Self-Learned & Client Projects

Aug 2025 – Present
Bahawalpur, Pakistan

- Built AI automation workflows for local and online clients
- Developed a WhatsApp AI Agent for automated customer communication
- Created AI chatbots for business websites
- Built LinkedIn and web data scraping workflows
- Developed an Upwork AI Agent to automate job searching, proposal preparation, and related workflow tasks
- Used n8n and AI tools to connect services and automate repetitive business processes

PROJECTS

NaturePearl.pk — E-commerce Website | *WordPress, WooCommerce, Elementor* | naturepearl.pk

- Built a WooCommerce online store for natural products using WordPress and Elementor
- Set up product pages, cash on delivery, WhatsApp ordering, and order tracking
- Designed a mobile-friendly layout for easy shopping

Kodefiz Agency Website | *WordPress, Elementor* | kodefiz.com

- Rebuilding the company website using WordPress and Elementor
- Created service pages, portfolio, testimonials, and contact sections

WhatsApp AI Agent | *n8n, AI Tools*

- Developed an AI agent for automated customer communication on WhatsApp

- Built using n8n and AI tools to handle common customer queries

AI Chatbots for Business Websites | *AI Chatbots*

- Created AI chatbots for business websites
- Integrated them to answer visitor questions and support customers

Business Workflow Automation | *n8n, AI Automation*

- Built AI automation workflows for local and online clients
- Automated repetitive business processes and web data collection using n8n

Motel Management Simulation (FYP) | *NPC Scripting, Game AI, 3D*

- Worked on 3D asset collection, design, and basic modeling
- Created and integrated game assets for motel rooms and the environment
- Worked on NPC scripts and AI-based NPC behavior
- Contributed to gameplay elements related to motel management and guest interaction

TECHNICAL SKILLS

Programming & Backend: Python, Django, Django REST Framework, REST APIs, PostgreSQL, Git, Docker
Web Development: HTML, CSS, JavaScript, Responsive Web Design, WordPress Development, Theme & Plugin Customization

AI & Automation: AI Automation, AI Agents, AI Chatbots, Web & LinkedIn Data Scraping, Workflow Automation
Game & 3D: NPC Scripting, Game AI, 3D Modeling, Basic Animation

CERTIFICATIONS & JOB SIMULATIONS

Artificial Intelligence Using Python <i>DigiSkills.pk / Virtual University</i>	Jul 2026
Web Developer — Experience Certificate <i>Infinite IT Solution</i> • Designed and developed a responsive blogging website • Used HTML, CSS, JavaScript, and WordPress for development and customization • Focused on clean layout, usability, and responsive web design	Sep 2022
Backend Developer Internship Certificate <i>Enigmatix</i> • Worked on real-world web projects using Python and Django • Developed and integrated REST APIs for web applications • Implemented login, signup, and user authentication • Worked with database integration and PostgreSQL	Aug 2025
GenAI Job Simulation <i>BCG X — Forage</i> • Data extraction and initial analysis • AI-powered financial chatbot	Sep 2026
Project Management Job Simulation <i>CBRE — Forage</i> • Project planning • Project execution and monitoring	Sep 2026

RESEARCH INTERESTS

Machine Learning, Reinforcement Learning, Sequential Data Analysis, Game AI, Computer Vision, Deep Learning, Image & Video Processing

LANGUAGES

Urdu: Mother Tongue | **English:** B2 (Listening B2, Reading B2, Speaking B1, Writing C1)