



Zain Ali

ID: 3630210122519 | **Date of birth:** 29/04/2003 | **Place of birth:** Multan, Pakistan |

Phone number: (+92) 3209642852 (Mobile) | **Email address:** chzainali6363@gmail.com |

Website: <https://zains.software> | **LinkedIn:** <https://www.linkedin.com/in/zainali117> |

Address: 36/37 E-Block New Qasim Pur Colony, 60600, Multan, Pakistan
(Home)

ABOUT ME

Highly skilled Software Engineer with expertise in MERN and AI tech stacks, backed by a strong foundation in Computer Science. With more than 3 years of experience, I have delivered scalable solutions across diverse industries such as finance and digital marketing. I am adept at Backend development using Golang and experienced in DevOps practices. This includes setting up CI/CD pipelines, automating tasks, and optimizing infrastructure on cloud platforms like AWS and Azure. Solved many small to intermediate businesses problems using efficient AI algorithms.

WORK EXPERIENCE

LEAD SOFTWARE ENGINEER – REMAP AI – 26/05/2025 – Current – BRISBANE, AUSTRALIA

- Streamlined internal workflows to enhance productivity and accelerate the delivery of new features.
- Automated business analytics workflows across client projects, eliminating the need for human intervention.
- Led the system design and development of a platform to revive dead leads for clients using AI-based strategies.
- Rebuild their legacy product [Busi.chat](#) from version 1 to 3, integrating advanced AI features and delivering a modernized UI/UX.
- Built a scalable RAG (Retrieval-Augmented Generation) architecture for their Private.ai product, enabling big data processing and serving thousands of users.
- Directly engaged with business owners and external clients to understand their requirements and provide customized AI solutions for business process automation.

SENIOR SOFTWARE ENGINEER – 3LI GLOBAL – 23/10/2024 – 23/05/2025 – MULTAN, PAKISTAN

- Set up a streamlined flow for deployment using CI/CD with GitHub Actions.
- Deployed numerous applications on cloud services like AWS, Digital Ocean and Azure.
- Designed and integrated data pipelines to facilitate event sharing across multiple social media platforms.
- Automate repetitive tasks and workflows using serverless functions to reduce operational overhead, and efficient event-driven processing.
- Contributed to the development of a workflow automation product similar to Zapier, enabling seamless data migration between CRM platforms like HubSpot and Zoho.

JUNIOR SOFTWARE ENGINEER – SPARKO SOL – 25/04/2023 – 30/09/2024 – MULTAN, PAKISTAN

- Integrated multiple third-party APIs such as Stripe, Maps, etc.
- Utilized React, Next.js, and Vue.js to build scalable web applications.
- Collaborated with team members to deliver projects within tight deadlines.
- Implemented data analytics pipelines for real-time monitoring and analysis.
- Successfully developed applications that were well received by the company's clients.
- Conducted technical discussions with foreign developers of clients to ensure project requirements were met.
- Created scalable and robust backend architectures using Golang, NodeJS, Express, and Flask, integrated with MongoDB databases.

EDUCATION AND TRAINING

27/09/2021 – 27/06/2025 Multan, Pakistan

BACHELOR OF SCIENCE IN COMPUTER SCIENCE Muhammad Nawaz Shareef University of Agriculture, Multan

The major modules I covered during study are:

- Graph Theory
- Web Engineering.
- Operating Systems.
- Artificial Intelligence.
- Computer Networks.
- Information Security.
- Software Engineering.
- Compiler Construction.
- Digital Image Processing.
- Data Mining & Warehousing.
- Data Structures and Algorithms.
- Parallel & Distributed Computing.
- Design and Analysis of Algorithms.
- Computer Organization & Assembly Language.

01/05/2019 – 14/10/2021 Multan, Pakistan
INTERMEDIATE Muslim College Multan

Final grade A+

01/09/2017 – 15/07/2019 Multan, Pakistan
HIGH SCHOOL The Islamic Ideal Public High School

Final grade A+

● LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

React.js (Next.js) | Zustand | ExpressJS | Node | JavaScript (ES6+) | TypeScript | MongoDB | PostgreSQL | Prisma | AI Automations | Machine Learning | Deep Learning

● PROJECTS

12/02/2025 – 27/04/2025
ALPHA EDU (AI Educational Web Platform)

- **University final year project:** AI-powered educational platform.
- Students can **generate** custom **courses** using AI.
- Courses are structured into chapters that students complete step by step.
- Includes interactive quizzes to test knowledge.
- Provides **AI-generated flashcards** to help with memorization.
- Features an AI Tutor for real-time, human-like teaching conversations.
- Creates an immersive learning experience by simulating a real instructor.

Link <https://alphaedu.zain.software>

15/07/2025 – CURRENT
PRIVATE AI

- Developed an **AI platform for enterprises** to interact intelligently with large datasets.
- Architected a **Retrieval-Augmented Generation (RAG) system** with vector databases for accurate, context-aware responses.
- Optimized performance and scalability of the RAG pipeline to ensure high-quality outputs.

- Leveraged **open-source LLMs** to meet **HIPAA** and **SOC-2 compliance** requirements.
- Integrated **Keycloak** for secure role-based access control and authentication.

Link <https://useprivate.ai>

01/11/2024 – 01/01/2025

DABU AI

- Built an **AI-powered video ad generation platform** that transforms TikTok URLs into product advertisement videos.
- Developed the **Golang backend server** to orchestrate communication between frontend and Python LLM.
- Designed and deployed **RESTful APIs** and **gRPC-based microservices** for efficient data exchange.
- Integrated **PostgreSQL** and **Google Cloud Storage** for reliable data management and scalable asset storage.

Link <https://dabu.ai>

● TECHNICAL SKILLS

Languages and Frameworks

Databases: PostgreSQL, Sqlite, MongoDB, Qdrant, Pinecone

Languages: JavaScript, TypeScript, Golang, Python, Solidity

Frameworks: React.js, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, Gin-Gonic, Flask, FastAPI, PyTorch, TensorFlow

Other Tools and Technologies: Git, GitHub, Docker, Kubernetes, Kafka, Langchain, Langgraph, gRPC, n8n, RAG architectures, Natural Language Processing

● CERTIFICATIONS

01/11/2023 – 02/10/2024

Google Project Management Certificate

Link https://www.credly.com/badges/2238260b-c78b-460a-a896-ff23aa886ed8/linked_in_profile

01/12/2023 – 09/02/2024

Supervised Machine Learning: Regression and Classification

Link <https://www.coursera.org/account/accomplishments/specialization/4KE6557PEW6X>

01/11/2023 – 24/12/2023

Programming with Google Go Specialization

Link <https://www.coursera.org/account/accomplishments/specialization/J83NSVK2EZK8>

● COMMUNICATION AND INTERPERSONAL SKILLS

Soft Skills

- Detail Oriented.
- Time Management.
- Problem Solving and Critical Thinking.
- Adaptability and Continuous Learning.
- Effective Communication and Collaboration.
- Leadership and Cross Functional Teamwork.