

SAMI SHERZAMAN

+92 306 6039949



samisherzaman779@gmail.co



Full-Stack Developer and AI Specialist

Karachi, Pakistan



SUMMARY

Highly accomplished Full Stack Developer and AI Solutions Engineer with a proven track record of architecting scalable web applications and integrating cutting-edge machine learning capabilities to drive business value. Expert in the Next.js, React, and Node.js ecosystems, specializing in building high-performance SaaS platforms, automation workflows, and intuitive user experiences. Positioned at the intersection of robust software engineering and practical AI implementation, dedicated to solving complex technical challenges and delivering premium, market-ready products.

EDUCATION

PIAIC - (Diploma)

Web Application, Artificial Intelligence, Databases.
2021 – 2023

Al-Hidaya English & Islamic School

Matriculation
2017 – 2019

SKILLS

- Frontend Development:
TypeScript | Python | Next.js | React.js |
Tailwind CSS | UI/UX Design Principles |
State Management (Redux/Zustand) |
Performance Optimization
- Backend & Database:
Node.js | FastAPI | RESTful APIs | PostgreSQL
MySQL | MongoDB | Firebase Authentication
(Auth0/Clerk/JWT)
- AI & Automation:
LLMs | OpenAI API Integration | LangChain |
Prompt Engineering | Vector Databases |
Workflow Automation (Zapier/Make) | N8N
Automation
- DevOps & Tools:
Docker | Vercel | AWS | Flask, FastAPI |
Git/GitHub | CI/CD Pipelines

CERTIFICATIONS

- DeepLearning.AI: Generative AI with
Large Language Models | Coursera
- Python for Data Science and AI
Professional Certificate | PIAIC
- Front-End Developer Professional
Certificate | PIAIC

PROFESSIONAL EXPERIENCE

Machine Learning Developer

Codified Digital | 2025- Present

- AI Architecture: Design and deploy AI-driven solutions and intelligent agents using Python, OpenAI APIs, and Frameworks.
- Agentic Automation: Architect automated chatbot workflows and custom GPT backend logic utilizing Zapier and Pure Python.
- Prompt Engineering: Optimize model accuracy and user experience through advanced prompt engineering and data handling.
- Technical Integration: Integrate complex APIs and scalable backend systems to deliver practical Generative AI use cases.

Python Developer

Tech Hunt | 2024 - 2024

- Python Engineering: Develop robust backend logic and core system architectures using Pure Python to power custom AI applications.
- Scalable Integrations: Build and manage complex API integrations and data handling pipelines to ensure seamless system communication.
- Automation Logic: Program sophisticated automation scripts and agentic workflows that transform manual client tasks into efficient processes.
- Performance Optimization: Write clean, high-performance Python code to optimize the execution of LLM-based tools and intelligent agents.

Front-End Developer Intern

Tech Hunt | 2023 - 2024

- Web Interface Development: Collaborated with senior engineers to build and enhance responsive web interfaces using React.js and Next.js.
- Full-Stack Exposure: Gained hands-on experience integrating frontend components with Django backends and managing modern HTML/CSS/JS stacks.