WAQAS SHAUKAT

SOFTWARE ENGINEER

Profile

Passionate about **understanding user needs** and **delivering solutions** that genuinely **solve their problems**—**user satisfaction** is both **my priority** and what drives **my own sense of accomplishment**. **Results-driven Software Engineer** with **over 6 years** of **remote** and **onsite experience**, **adaptable** to **front-end**, **back-end**, or **full-stack** roles based on the company's needs. **Experienced** in building and maintaining **full-stack applications**, **workflow automation** for monitoring and **CI**, and **API-driven integrations**. Skilled in **API design**, **CI/CD automation,** with hands-on experience enhancing **AI/LLM-driven chatbot** platforms by **integrating MCP server tools**, **enabling richer contextual responses** and improved system interactions.

Personal Projects

AI-Driven Resume Chatbot

- Link: **https://waqas-chatbot.waqas-resume.workers.dev/**
- Built with **Next.js, AI SDK v5, and Claude on Cloudflare Workers. Uses a custom MCP server with Service Bindings for structured resume data access. Includes rate limiting via Cloudflare KV and input validation.

AI-Powered Job Application Bot

- Video Demo::
  https://drive.google.com/file/d/1ddBMOdo6-SUWaJzMgaALZxcPBDjFVuhg/view?usp=sharing
- Automates job applications on Snaphunt by scraping listings, matching jobs to resume using AI scoring, and submitting applications with human-like behavior to avoid detection. Built with Next.js, AI SDK v5, and Claude on Cloudflare Workers.

Employment History

Agoric Systems Operating Company

Nov 2025 — PRESENT

- Spearheaded **Ymax AI web-search** via **MCP**, reducing hallucinations by grounding model outputs in real-time external sources. (click Max AI on https://ymax.app)
- Designed a **monitoring solution** for **relayer connectivity**, automating **Slack notifications** for **rapid issue detection**, which **reduced incident response time** and **improved system reliability** by enabling proactive issue resolution.
- Built a **GitHub Actions–based monitoring workflow** to **identify flaky CI jobs** in the **agoric-sdk** repository. Automated Slack alerts ensured timely awareness of non-deterministic failures, helping the team distinguish infrastructure issues from code regressions.
- **Investigated FastUSDC transaction notifications**, documenting findings to enhance **cross-chain transaction** behavior visibility.
- **Investigated FastUSDC transaction notifications** and documented findings, **improving visibility into cross-chain transaction behavior** and **helping teams** better understand, **debug**, and **validate transaction flows.**

Technogenics- a subsidiary of StrikeReady USA

MAY 2023 — Oct 2025

- Developed core features (**Assets, Vulnerabilities, Identities**) for StrikeReady at Technogenics, ensuring alignment with RBVM team goals.
- **Collaborated** closely with **cross-functional teams**, providing invaluable support to ensure seamless **integration of frontend and backend components**.
- Actively participated in **Agile practices**, fostering a dynamic, collaborative environment for **rapid iteration and improvement**.

Details

Lahore, Pakistan
+92 322 4357601
waqasshaukat.dev@gmail.com

Programming Languages

- JavaScript
- TypeScript

Frontend Development

- React.js
- Next.js
- Angular
- Zustand
- Redux
- HTML5, CSS3
- Tailwind CSS
- BootStrap
- DOM Manipulation
- JSON

Backend & API Development

- Node.js
- Express.js
- Hono
- RESTful API
- API Integration

AI / LLM Systems (Applied)

- AI / LLM-Driven Chatbot Integration
- MCP Server Tools
- Web Search Integration for LLMs
- AI System Integration

Testing & Quality

- Jest
- Vitest
- Playwright

CI/CD & Automation

- GitHub Actions
- Workflow Automation for Monitoring & CI

DevOps

Algolab (algolab.so)
MAY 2022 — MAY 2023

- Implemented an impactful **online coding editor**, supporting diverse programming languages for candidates (programmers).
- Compiled and developed a course to enhance programmers' **problem-solving techniques** and deepen their understanding of various **data structures**.
- Excelled in **API server development** and **maintenance**.

Manaky Inc.
OCTOBER 2019 — MAY 2022

- Implemented a **payment method** that supported two currencies (USD and PKR), ensuring smooth and secure **transactions** for customers in multiple locations.
- Successfully **handled different time zones** in the **booking mechanism**.
- Utilized APIs to implement various functionalities, including **Zoom integration** for online experiences.
- Developed a responsive landing page based on Figma designs, effectively communicating the company's offerings across devices.
- Elevated code quality and maintainability by expertly reviewing code and guiding developers.

Computer Science & Math Teacher
OCTOBER 2010 —OCTOBER 2019

- Taught computer science concepts, programming languages, algorithms, and software fundamentals to students.
- Developed coding-focused curriculum and hands-on projects to enhance problem-solving and logical thinking skills.
- Mentored students in debugging, algorithm design, and software development best practices.
- Utilized strong analytical and technical knowledge from Math and Computer Science to explain complex concepts clearly.

Education

Bachelor of Science in Computer Science, Virtual University of Pakistan, Lahore

Key Strengths

- Friendly, patient, and collaborative
- Quickly learn new technologies and languages.
- Not afraid to give new ideas on the project, workflow, or company culture.
- Don't hesitate to ask for help or guidance if something is unclear.
- Team player – I love helping team members on their path to learning new things.
- Analytical and creative approach to problem-solving

- Docker
- Git
- Github
- Jira
- Vitest

Databases

- SQL Databases
- NoSQL Databases

Hobbies

Coding challenges
Hiking & Camping