

WASIM SURJO

Senior Software Engineer / AI Backend Developer | Khobar, Saudi Arabia | Available Immediately

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Professional Summary

Backend and AI engineer with 5+ years of experience in cloud-native backend development, AI-powered automation, and distributed systems. Designs production solutions on AWS and GCP, builds high-performance APIs and microservices, and integrates LLMs into enterprise-grade fraud-detection and automation platforms for security-focused clients in the GCC. Contributed to enterprise security platforms trusted by **GCC central banks and leading regional financial institutions**.

Delivered AI-powered automation that replaced fully manual fraud investigation and abuse-reporting workflows, enabling security teams to respond to digital threats faster and at enterprise scale.

Core Skills

AI & LLMs: LLM APIs (OpenAI, Claude, Gemini, DeepSeek), AI Agents & Tool Calling, NLP (NLTK, Sentiment Analysis), Computer Vision (OpenCV Image-Similarity & Logo Detection), Anomaly & Fraud Detection

Backend & APIs: Python (FastAPI, Flask, Django), Node.js (Express), REST, GraphQL, WebSockets, Microservices, AWS SQS

Cloud & DevOps: AWS (EC2, S3, ECS, Lambda, ELB, Route 53, CloudFormation, CDK, IAM), GCP (App Engine, Cloud Run, Cloud Build), Docker, Kubernetes, CI/CD (GitHub Actions), Cloudflare (DNS & Domains, Pages Frontend Deployment), Nginx, Linux, Grafana, Prometheus

Data & Search: PostgreSQL, MySQL, MongoDB, Firestore, Elasticsearch, OpenSearch, ELK Stack (Kibana), BigQuery, Pandas, NumPy

Web Automation: Playwright, Puppeteer, Selenium, LLM-Driven Browser Agents (Browser Use), CloakBrowser (Binary Integration), Large-Scale Scraping & Evidence Capture

Frontend: React, Next.js, Vue 3, Tailwind CSS

Languages: Python, TypeScript, JavaScript, Java, C++, C#

Practices: Automated Testing (pytest), Agile/Scrum, Code Review, Technical Mentoring

Professional Experience

AI Software Engineer / Cloud & Backend Engineer

Jun 2022 – Present

CTM360 | Bahrain | Digital risk protection & threat intelligence platform, named in the 2026 Gartner Magic Quadrant for Cyberthreat Intelligence Technologies

- Designed large-scale self-managed Elasticsearch clusters (200 TB, 35 nodes) on AWS EC2, reducing query latency by 30% and cutting infrastructure costs by 60%.
- Built AI-powered web intelligence pipelines (Playwright, Puppeteer, Selenium) for fraud-monitoring and brand-protection investigations, with resilient crawling that reliably captures evidence from phishing, impersonation, and scam sites for takedown, processing 3,000–5,000 scrapes per day.
- Built AI-powered automation microservices for email analysis, data-leak detection, brand/logo detection (OpenCV), WHOIS lookups, and report generation, replacing repetitive manual operational tasks.
- Implemented CI/CD pipelines with GitHub Actions, enabling scalable deployments on AWS and GCP using Docker and containerized workflows.
- Contributed to fraud-detection platforms by integrating APIs from Facebook, Instagram, X (Twitter), TikTok, LinkedIn, and YouTube for large-scale analysis of suspicious accounts and associated risk.
- Leveraged LLM APIs (OpenAI, Claude, Gemini) to automate fraud analysis and incident-reporting workflows that were previously fully manual.
- Mentored interns on AWS cloud services and application deployment.

- Delivered Python, web development, and cloud fundamentals training to working professionals across two Dubai-based institutions (**NADIA Global and Pinnacle Institute**), achieving a 100% on-time course completion rate.
- Mentored career-changers into technical roles while maintaining corporate IT systems and internal workflow tooling.

Key Projects

- **AI Fraud Analysis (Work):** Smart system analyzing screenshots and scraper data to verify impersonation and scam incidents across Facebook, Instagram, TikTok, and X (Twitter), replacing a fully manual review process.
- **AI Form Filler (Work):** LLM-driven automation that auto-files fraud and abuse reports to Google, Meta, NameSilo, Apkpure, etc., automating 50–70 report submissions per day that were previously filed manually.
- **AI Web Assistant Scraper (Work):** Browser automation agent capable of navigating websites, retrieving data, and completing multi-step workflows such as applications and bookings.
- **Automated Screenshot & Intelligence Service (Work):** Node.js/Python system capturing 12,000+ screenshots per day as evidence of fraudulent websites and social profiles, deployed on AWS ECS with auto-scaling containers.
- **Opinion Mining & Recommendation Engine (BSc Thesis):** NLP system (Python, NLTK) analyzing user reviews to generate personalized recommendations; handled all programming and system build single-handedly.
- **Filora AI (HR Assistant) (Personal):** Vue.js and FastAPI chatbot that parses CVs and answers HR queries using LLM-based reasoning.
- **Taha Utopia (Personal):** Islamic learning platform with Quranic Arabic courses, tafsir & hadith collections, blog, and Q&A; Vue 3 + Vite SPA with user accounts, admin dashboard, achievements, SEO prerendering and auto-generated sitemap; frontend on Cloudflare Pages + Functions, backend API on GCP Cloud Run (tahautopia.com).
- **Nikah Utopia (Personal):** Verified Muslim marriage platform with ID-checked profiles, matching, double opt-in messaging, Google sign-in, email verification, and two-factor authentication; Vue 3 + Vite SPA on Cloudflare Pages + Functions, backend API on GCP Cloud Run (nikahutopia.com).

Education

Bachelor of Science in Computer Science

2017 – 2020

BRAC University | CGPA: 3.18 / 4.00

Certifications

- AWS Cloud Practitioner: Amazon Web Services (Aug 2024, Credential ID: E-N0539V)
- Ethics in the Age of Generative AI: Project Management Institute (Sep 2024)
- Generative AI: NASBA (Sep 2024)

Spoken Languages

English (Fluent) • Bangla • Hindi • Urdu • Arabic (Basic)