

WASIM SURJO

Senior Software Engineer

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Based in Bahrain | Open to relocation to the UAE | Available to start within 28 Days

PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of experience across cloud-native backend development, AI-powered automation, and distributed systems. Proven track record designing production solutions on AWS and GCP, building high-performance APIs and microservices, integrating Large Language Models (LLMs), and delivering enterprise-grade fraud-detection and automation platforms for security-focused clients in the GCC region. Contributed to enterprise security platforms trusted by organizations including the **Central Bank of Saudi Arabia, the Central Bank of the UAE, and Emirates NBD**.

Delivered AI-powered automation platforms that reduced manual fraud investigation and reporting effort by up to 95%, enabling security teams to respond to digital threats faster and at enterprise scale.

CORE SKILLS

Cloud & DevOps: AWS (EC2, S3, ECS, Lambda, ELB, Route53, CloudFormation, CDK, IAM), GCP (App Engine, Cloud Run, BigQuery, Cloud Build), Kubernetes, Docker, CI/CD, Linux, Grafana, Prometheus

AI & Automation: LLMs (Claude, OpenAI, DeepSeek, Gemini API), AI-powered web intelligence & scraping (Playwright, Puppeteer, Selenium), anomaly & fraud detection, NLP (NLTK, sentiment analysis)

Backend Development: Python (FastAPI, Flask, Django), Node.js (Express), REST APIs, microservices architecture

Data & Search: Elasticsearch, OpenSearch, MySQL, MongoDB, Firestore, Kibana, ELK Stack, BigQuery

Languages & Framework: Python, Node.js, Java, C++, C#, TypeScript, React, Vue 3

Collaboration: Agile/Scrum, GitHub Actions, Slack, Notion, code review, technical mentoring

PROFESSIONAL EXPERIENCE

AI Software Engineer / Cloud & Backend Engineer

2022 – Present

CTM360 | Bahrain

- Designed large-scale self-managed Elasticsearch clusters (200 TB+, 35+ nodes) using 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, incorporating the detection-evasion techniques needed to reliably access impersonation and scam content for takedown, cutting manual effort by 80%.
- Built microservices with intelligent error handling and AI-powered automation, reducing repetitive operational tasks by 70%.
- 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, Twitter, TikTok, LinkedIn, and YouTube for large-scale user profiling and risk analysis.
- Leveraged LLM APIs (OpenAI, DeepSeek, Gemini) to automate fraud analysis and incident-reporting workflows, cutting manual review time by 95%.

Python & Web Development Instructor • IT & Programming Mentor

Jun 2021 – Apr 2022

Two concurrent Dubai-based training engagements, consolidated here for clarity.

- 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: Smart system analyzing screenshots and scraper data to verify impersonation and scam incidents across Facebook, Instagram, TikTok, and Twitter, reducing manual review by 95%.
- AI Form Filler: LLM-driven automation that auto-files fraud and abuse reports to Google, Meta, NameSilo, Apkpure, etc. reducing manual effort by 90% and increasing reporting speed by 70%.
- AI Web Assistant Scraper: Browser automation agent capable of navigating websites, retrieving data, and completing multi-step workflows such as applications and bookings.
- Automated Screenshot & Intelligence Service: Node.js/Python system capturing evidence of fraudulent websites and social profiles at scale, deployed on AWS ECS with auto-scaling containers.
- Opinion Mining & Recommendation Engine: NLP system (Python, NLTK) analyzing user reviews to generate personalized recommendations.
- Filora AI (HR Assistant): Vue.js and FastAPI chatbot that parses CVs and answers HR queries using LLM-based reasoning.
- Live products: Taha Utopia (tahautopia.com), Sneaky Peek AI (sneakypeekai.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)
- Generative AI: The Evolution of Thoughtful Online Search (Sep 2024)
- Learning Microsoft 365 Copilot: LinkedIn Learning (Sep 2024)
- Python 3, Java, C++, C#: Sololearn (May 2020)

SOFT SKILLS

Leadership & Team Mentoring • Problem-Solving & Analytical Thinking • Communication & Collaboration • Adaptability & Continuous Learning • Public Speaking