

ADEEL AHMED QURESHI

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PRODUCT ENGINEER WITH 4+ YEARS OF EXPERIENCE

WORK EXPERIENCE

AI Product Engineer • [Trucker Path Insurance](#) • Aug 2025 - Present

- Developed InsurGPT an **Agentic Insurance Platform** that answers complex carrier/state eligibility questions from internal docs and directly mutates EPIC CRM data – issuing COIs and ID Cards through 80+ SOAP tool calls via the EPIC SDK. Enabled service team members to manage 10 producers each, up from 2, **saving \$ 5000 per month**
- Designed the COI (Certificate of Insurance) Bot, Billing Bot, and Endorsement Bot to efficiently monitor high-traffic mailboxes, **resulting in an 80% increase in service team efficiency**, leveraging N8N and OpenAI
- Built an **AI-assisted power dialer** integrated with RingCentral, featuring live call transcription and automated voicemail drops on no-answer. Lifted producer call volume from **10 manual dials per day to 50 on average**
- Built Outbound Voice Agent for warm lead transfer to producers increasing **lead to bind ratio by 50%**
- Built a central AI-based HR Ticketing System for Moatable streamlining operations across all moatable portfolios

Technologies: Supabase, N8N, Loveable, Django, PostgreSQL, SpringBoot, AssemblyAI, Eleven Labs, Power Automate

Back-End Engineer • [Alfabolt](#) • Nov 2024 - Present

- Building an AI-driven onboarding agent using LangGraph and FastAPI, automating early-stage inbound lead handling; deployed services on AWS App Runner to ensure scalable and cost-efficient delivery
- Led the migration of a core microservice from AWS SAM to a Kubernetes-based architecture on AWS EKS for reimaging, **reducing latency by 60%** through the elimination of cold starts, wrappers, and performance overhead
- Technologies:** AWS EKS, Fastify, Kubernetes, NATS Jet Stream, Langgraph, FastAPI, App Runner, PostgreSQL

Software Engineer • [APIMatic](#) • Feb 2024 - August 2024

- Built CI/CD pipelines for automated SDK publishing and end-to-end testing (100% endpoint coverage) across Python, TypeScript, and Java for PayPal and Verizon. Developed Developer Portals with Guided Walkthroughs to significantly reduce on-boarding time for users
- Collaborated with the Sales Team to make Proof of Concepts for World Pay, PayPal successfully demonstrating our solution's value and securing them as clients
- Technologies:** Playwright, TypeScript, Java, Python, GitHub Actions, JUnit, PyTest, GitHub Workflows

OTHER PROJECTS

- Built 3D model generation platform for e-commerce vendors, restructuring the Meshroom photogrammetry pipeline into modular, scalable nodes using RabbitMQ. Optimized model delivery via Draco compression (**90% size reduction**), significantly improving load speed and storage efficiency. Enabled seamless React integration through plug-and-play code snippets. (Won 3rd best FYP project in Seecs Open House 2025)

Technologies: Fast-API, Meshroom, RabbitMQ, Minio, Docker, React Native, React, Material UI

EDUCATION

- SEECs, NUST (2021-2025), BESE, CGPA : **3.55**

SKILLS & FRAMEWORKS

- Languages:** Python, TypeScript, Java, Rust, Go
- Databases:** PostgreSQL, MongoDB, MySQL, Supabase
- Back-End Frameworks:** FastAPI, Express, Springboot, Django, Flask
- Container Orchestration:** Docker, Kubernetes
- AI and Automation Frameworks:** Langgraph, Vercel AI SDK, N8N, Make.com
- Front-End:** React, Next, React Native, Flutter

OPEN SOURCE CONTRIBUTIONS

- WinGet:** Created over **25 pull requests** to update manifests for Apache Foundation software
- Genome Workbench:** Created **10 pull requests** implementing Rust code for various GUI components

ACHIEVEMENTS

- Secured 3rd position for Final Year Project at SEECs Open House
- Best Engineer Award for January, 2026 at Trucker Path Insurance
- Received Award of Appreciation at COMPPEC