Fazal Bhatti

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Overview

Results-driven Software Engineer focused on using artificial intelligence to solve problems across different industries. I want to create innovative solutions that make a positive impact on the world. My goal is to work with cutting edge teams to build technologies that shape the future.

Skills

Languages & Frameworks: Python, Java, C, JavaScript, SQL, React, Angular, Node.js, Swift

Cloud & DevOps ToolsAWS, Azure, Docker, Kubernetes, Git, Jira, Prometheus, Terraform

AI Tools: Cursor, Claude, ChatGPT, V0, Bolt, Lovable, Midjourney

Projects

Full-Stack Health Optimization App

Technologies: Python, Next.js, PostgreSQL, AWS, Docker

- Built an AI-driven dashboard that aggregates wearable, clinical, and lifestyle data to forecast and prevent risks across cardiovascular, cancer, neurodegenerative, and metabolic disease
- Trained and deployed ML models (Random Forest, Gradient Boosting, Neural Nets) on key biomarkers (ApoB, Lp(a), HbA1c, VO_2 max) to generate personalized insights.
- Automated end-to-end pipelines in AWS SageMaker for data ingestion, training, inference, and monitoring, with scheduled retraining for model accuracy.
- Designed an interactive dashboard with percentile benchmarks, risk profiles, and evidence-based recommendations to improve both lifespan and healthspan
- Incorporated HIPAA-aligned privacy controls to ensure secure handling of sensitive health data

Swipe2Style:AI Lifestyle & Aesthetic Recommender

Technologies: Swift, SwiftUI, RealityKit/ARKit, PostgreSQL, Supabase, Python/FastAPI (planned), AWS (deployment), Docker, Kubernetes

- Designed and deployed a mobile-first iOS application with a swipe-based interface for capturing fashion and interior design preferences.
- Implemented aesthetic pairing logic to link fashion ↔ furniture into unified lifestyle records.
- Built recommendation pipeline to generate a Lifestyle & Aesthetic Record, summarizing top archetypes and overall style vibe.
- Integrated ARKit to support Garment 360° viewer and Fit + Room scenes, enabling real-time outfit + furniture visualization in physical spaces while incorporating archetypes inspired by TV, Instagram, and TikTok to align recommendations with contemporary aesthetics.
- Developed a social layer that lets users compare style compatibility, view each other's moodboards, and eventually exchange outfits and AR scene previews turning the app into a collaborative style discovery platform.

Planned Certifications

- CompTIA Security+, AWS Solution Architect, AWS ML Specialty

Work Experience

Tiro Marketing: Third-Party TELUS Client D2D and Cold Calling   **Mississauga, ON**
Oct 2023 – Jan 2024

- Tracked KPIs, analyzed customer behavior, and identified sales patterns to refine strategy, adjust pitches, and improve campaign focus.
- Engaged 50+ prospects daily while collaborating with support teams to resolve issues, ensuring a smooth sales process, high satisfaction, and strengthening resilience and communication skills in a fast-paced environment
- Strengthened resilience and communication skills in a fast-paced environment while contributing to consistent sales growth.
- Adapted quickly to changing goals and campaign strategies, gaining hands on experience with data driven decision-making and client engagement