# 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
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, sleep quality, CGM variability) 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

Technologies: React Native, Python, ARKit, PostgreSQL, Redis, AWS, Docker, Kubernetes

- Designed and deployed a mobile-first application using React Native and Expo, with a swipe-based interface for capturing individual fashion and interior design preferences.
- Implemented computer vision models to generate visual embeddings and detect style features
- Built recommendation logic with scikit-learn, Hugging Face Transformers to unify fashion, furniture, and lifestyle aesthetics into a single user profile.
- Integrated ARKit/ARcore for real-time outfit try-ons and furniture visualization.
- Incorporated cultural style signals from TV, Instagram, and TikTok aesthetics to align recommendations with contemporary lifestyle trends.
- Linked recommendations directly to fashion retailers enabling seamless product discovery

**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