Saad Khan

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EDUCATION

Georgia Institute of Technology | Atlanta, GA
MS Analytics | May 2028
New Jersey Institute of Technology | Newark, NJ
BS Business & Information Systems | May 2025

TECHNICAL SKILLS & CERTIFICATIONS

Languages/Database: Python, Java, C#, C++, Javascript, R, SQL, Postgresql, PowerBI, Typescript, HTML & CSS
Relevant Libraries & Frameworks: Pandas, MATLAB, Numpy, Matplotlib, ReactJS, NodeJS, Flask, .NET, WPF
Software & Tools: Git, Docker, Tableau, Jupyter Notebook, SAP, Firebase, JIRA, Confluence, O365, GCP, AWS
Certifications & Awards: IBM Data Science Professional Certificate, Verizon Spotlight Award Winner, Capstone Winner

WORK EXPERIENCE

Verizon | Basking Ridge, NJ
Product Engineer | June 2025 - December 2025
Product Innovation Co-Op | June 2024 - December 2024

- Translated three early-stage technology concepts into production-ready proposals by conducting market research, building prototypes, and presenting approval cases to product leadership.
- Reduced development costs by 90% and increased product approval rates by 60% by helping build a platform-agnostic sandbox environment that accelerated prototyping and cross-platform innovation testing.
- Improved internal AI product capabilities by designing an AI-integrated Android app mirroring Verizon Home functionality, earning the Verizon Spotlight Award for innovation and user impact.

Crestron Electronics | Rockleigh, NJ
Software Platforms Co-Op | February 2023 – August 2023

- Improved multimedia product reliability by engineering 10 C# integration tests for Crestron Home tools and features.
- Increased console operational efficiency by 75% by leading the design and development of a WPF Address Book feature that enhanced user navigation and functionality.

PROJECTS

KHANEX (link) | August 2025 - Current

- Built a multi-tenant B2B SaaS platform for custom AI solutions using Next.js, TypeScript, Supabase, and Stripe, enabling SMBs to automate workflows.
- Enabled seamless voice-initiated order processing by developing REST APIs that integrate with POS systems (Clover, Toast, Square) and trigger webhook events from ElevenLabs agents.
- Delivered real-time business insights by building analytics dashboards using BigQuery and Recharts with Cloud Run webhook pipelines for data ingestion.
- Empowered customers to deploy 24/7 voice agents by integrating ElevenLabs Conversational AI APIs for configurable AI agent provisioning.

SENIOR CAPSTONE PROJECT MANAGER | September 2024 - December 2024

- Led an Agile Scrum project to develop ManageLiveEvents, an API for creating, analyzing, and managing live sports game footage, aligning deliverables with stakeholder requirements
- Orchestrated and facilitated weekly Scrum meetings and sprint planning sessions, using JIRA to track progress, prioritize tasks, and ensure team alignment
- Delivered a comprehensive final presentation to an NJIT panel and project sponsors, achieving 2nd place

PAKISTAN PANDEMIC RESPONSE PROJECT (Github) | April 2024

- Evaluated the effectiveness of Pakistan's COVID-19 policies by performing a detailed analysis of government interventions and vaccination efforts.
- Enhanced policy insights by using Python (Pandas, Matplotlib) for data cleaning/visualization and applying ARIMA/ARIMAX for forecasting.
- Contributed to academic research by delivering a published paper and interactive Colab notebook to Columbia University's CIC Student Working Group.