MOHAMMED {MO} KHAN

www.linkedin.com/in/mohammed-khan-aa535597

CONTACT

📞 +27-68-178-7422

✉ mkhan@live.co.za

📍 Goodwood, Cape Town, 7460

EDUCATION

2001 - 2006
GROENVLEI HIGH SCHOOL

- National Senior Certificate

SKILLS & TOOLKIT

- **Programming & Development** - Python, JavaScript (React, Node.js, Next.js), TypeScript, FastAPIPublic Relations.

- **AI/ML & Data Science** - TensorFlow, PyTorch, scikit-learn, pandas, NumPy, OpenCV.

- **Databases** - NoSQL (MongoDB, Redis)

- **Automation & AI Integration** - LangChain, RPA, Generative AI chatbots, workflow automation.

- **Web & UI** - React, Next.js, TailwindCSS, API integrations.

- **Security & Compliance**: Authentication, data encryption, POPIA/GDPR alignment.

- **System Architecture**: Scalable solution design, microservices, performance optimization.

- **DevOps Practices**: Automated testing (unit/integration/E2E), monitoring, high-availability design

- **Customer Engagement**: Technical scoping sessions, requirement gathering, solution alignment.

- **Leadership**: Managing full-stack developer teams, mentorship, and stakeholder reporting

LANGUAGES

- English (Native)
- Afrikaans (Secondary)

PROFILE

Over the years, I've built tools and applications that have become part daily operations, streamlining work for both internal teams and clients. Long before "AI" became the buzzword it is today, I was already exploring neural networks and machine learning. That early curiosity has only grown—I spend much of my time researching and testing new technologies to find better ways of solving real-world challenges.

I'm now looking to take the next step in my career with an organization that values innovation and gives me the space to think and build beyond the conventional.

WORK EXPERIENCE

First Technology Group Pty Ltd
2021 - PRESENT

Lead AI/ML Architect & Full Stack Developer
Linkedin Verified

- **Lead & Architect** – Design, develop, and deploy secure, scalable full-stack applications with AI/automation integration.

- **Mentorship** – Guide junior/mid-level developers, run code reviews, and promote best practices.

- **AI/ML Integration** – Deploy NLP, computer vision, chatbots, recommender systems, and predictive analytics into production apps.

- **Performance & Scalability** – Optimize applications, resolve bottlenecks, and ensure reliability at scale.

- **Containerization** – Build and manage containerized microservices with Docker & Kubernetes.

- **System Design** – Architect complex SQL/NoSQL schemas, optimize databases, and ensure data integrity.

- **Security & Compliance** – Implement advanced web security, authentication, and industry-grade compliance.

- **Collaboration & Innovation** – Translate business needs into technical solutions, drive innovation with emerging tech.

- **DevOps & CI/CD** – Enhance pipelines, automate deployments, and streamline releases.

- **Customer Engagement** – Conduct technical meetings with clients to gather requirements, define project scope, and align solutions with business needs.

Rectron Pty Ltd
2014 - 2021

Sales Executive/ Account manager

- **Strategic Sales Leadership –** Consistently exceed revenue targets through solution-based selling in enterprise IT hardware and infrastructure.

- **Client Relationship Management –** Build and maintain long-term partnerships with key accounts, focusing on trust, transparency, and value creation.

- **Channel & Distribution Expertise –** Deep knowledge of IT distribution ecosystems, vendor programs, and partner enablement across leading hardware brands.

- **Pipeline & Forecasting –** Drive accurate forecasting, territory planning, and execution to maximize profitability.

- **Market Insight –** Identify whitespace opportunities and competitive positioning strategies to expand share of wallet.

More experience availabile upon request...

REFERENCE

Candice Landsberg
Head of solutions (EXCO)
Phone: +27 21 525 7000
Email : candicel@firsttechnology.co.za

Ian Theunissen
Branch Manager
Phone: +27 21 555 8200
Email : iant@rectron.co.za