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PROFESSIONAL SUMMARY

Strategic and innovation-driven technology and analytics leader with over **15 years of experience** driving digital transformation, AI adoption, and enterprise-level IT operations across financial and investment platforms. Proven track record of aligning technology with business goals and successfully managing the design and delivery of **enterprise-level Data systems and complex applications**. Deep experience in **bridging the gap between business needs and data principles** by leveraging AI, machine learning, cloud computing, and big data analytics to enhance business performance and operational efficiency

BlackRock, Hong Kong – Vice President

January 2019 – Present

Data Platform and IT Project Leadership (HK-based): Directed the Active Investing Analytics team in Hong Kong, responsible for delivering sophisticated risk analytics and leading the successful implementation and delivery of IT modernization initiatives for investment platforms.

- **Strategic Data Systems Design:** Designed and implemented advanced IT strategies, including the integration of machine learning, big data analytics, and cloud computing to align with regional business goals. This included building **scalable portfolio management and analytics frameworks** that improved transparency and reduced manual dependency by 40%.
- **Big Data and AI Development:** Led **AI-driven transformation** efforts, including the implementation of a **Retrieval-Augmented Generation (RAG) model** using Large Language Models (LLMs) for secure document intelligence and client query automation.
- **Stakeholder Collaboration and Analysis:** Partnered with **global product, data, and technology teams** to deliver high-impact initiatives using Agile methodologies, demonstrating a critical role in gathering and analysing business requirements to drive technical delivery.
- **DevOps and CI/CD Transformation:** Streamlined infrastructure and established an efficient **DevOps model** by implementing **Azure-based CI/CD pipelines** to ensure application scalability, security, and reliability.
- **Enterprise-level System Design:** Designed and implemented a robust and scalable data platform that includes a data pipeline and data access APIs

Core Competencies

- IT & Digital Strategy Leadership
- AI/ML & Data Analytics Innovation
- Cloud Infrastructure (Azure, Docker, CI/CD)
- Enterprise Process Automation & Optimization
- Portfolio & Risk Analytics
- Cross-Functional Leadership & Stakeholder Management
- Strategic Project Management (Agile)
- IoT and Big Data Solutions Implementation
- Software Engineering (Python, ReactJS, Java, Perl)
- Business Intelligence & Visualization (Tableau, Jupyter)

AWARDS

Sun Certified Java Professional

Creative and proactive technologist with a proven ability to bring ideas to life. Skilled in transforming concepts into functional solutions, as demonstrated by

from various sources, which served as a **model production platform** for researchers.

BlackRock, India— Vice President(Data Engineering APAC Head)

July 2011- December 2018

- **Global Team Management & Mentorship:** Directed APAC-level data engineering and automation functions, overseeing multi-disciplinary teams responsible for IT support and digital tool development.¹
- **Complex Application Engineering:** Led end-to-end product and reporting architecture development, including hands-on coding in **Python, Perl, and EPL** for portfolio risk and return reporting systems.¹
- **Automation and Process Engineering:** Developed **enterprise IT solutions** for risk-return analytics and pioneered enterprise-wide automation initiatives that improved delivery efficiency and reporting accuracy.¹
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Royal Bank Of Scotland, Gurgaon

January 2011 - July 2011

Development and support of Credit Risk team.

Wipro, Mumbai — Sr. Software Engineer

October 2008 - January 2011

CITI groups equity trading technology, Middle office application development and support.

TCS, Mumbai — System Engineer

August 2006 - September 2008

Network Management System of NORTEL Networks. Development and Support role.

EDUCATION

Postgraduate Diploma in Investment Management (HK University)

2021

Master Of Computer Application, BIT Mesra (India)

2003 - 2006

Bachelor of Computer Application, BIT Mesra (India)

2000 - 2003

multiple hackathon victories and personal development projects.

Last 3 BLK APAC Hackathon Champion (2021 , 2022 &2024)

Extra:

Managing my own blogging and educational website

<https://auntyquanty.com>

<https://senseisam.com>

www.officegoogle.com

Developed and deployed from scratch in Python and React.

<http://pathsolutiondiagnostics.com/>

Pathology Clinic website for brother's business.

Temple website

<https://www.hinduassociationhk.com/>

Highlights

Finance Knowledge.

Good Programming skills.

Investment Banking Knowledge

Good Analytical skills.

LANGUAGES

English (Primary Language)

Hindi (Native Language)

Mandarin (Learning)

