Abdul Malik

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Am Großen Berge 45, Frankfurt am Main · +49-1510145923 · Residence Permit: Eligible to work in Germany

PROFESSIONAL EXPERIENCE

Investment Data Services GmbH, Allianz Group <div align="right">Frankfurt am Main, Germany</div>
Working Student, Asset Management Solutions <div align="right">Dec 2024 – Present</div>
- Produced Leverage and VaR reports supporting portfolio risk management across $\sim$€500 bn AUM.
- Designed and implemented data integrity checks, reducing reporting errors by $\sim$ 20% and improving compliance.
- Migrated in-house tools to cloud platforms, cutting processing time significantly and enhancing scalability for risk analytics.

Deloitte (Offices of the US) <div align="right">Gurugram, India</div>
Solution Advisor, Cyber and Strategic Risk <div align="right">Nov 2020 – Jul 2024</div>
- Spearheaded automation of control testing, reducing SOC audit costs by $\sim$15% annually.
- Built data analytics dashboards that provided actionable insights to stakeholders across business units.
- Optimized databases and internal tools, improving reporting speed by $\sim$30% for risk/compliance teams.
- Delivered L2 support to 15 members from operations and training for 4 new hires, boosting onboarding efficiency and knowledge transfer.

Fun School <div align="right">Saharanpur, India</div>
Intern, Software Development <div align="right">May 2020 – Nov 2020</div>
- Developed an ERP accounting system, automating financial workflows and saving 60 staff hours per month.
- Designed and delivered IT staff training, strengthening in-house technical capability

EDUCATION

Frankfurt School of Finance & Management <div align="right">Frankfurt am Main, Germany</div>
Master of Finance <div align="right">Aug 2024 – Aug 2026 (expected)</div>
Relevant Courses: Statistics & Econometrics, Financial Modelling, Financial Engineering,
Portfolio Management, Derivatives, Risk Management

Jaypee Institute of Information Technology <div align="right">Noida, India</div>
B.Tech, Computer Science and Engineering <div align="right">Jul 2016 – May 2020</div>
Relevant Courses: Database Systems, Automation Design, Software Construction, Machine Learning
Final Grade: 7.2/10

PROJECTS (VIEW MORE ON GITHUB)

ML Model for ECB Interest Rate Policy <div align="right">Apr 2025</div>
- Trained Random Forest classifier on macro/market data to mimic ECB decisions
- Used SMOTE to address imbalance in rate decision classes

Empirical study of M&As within the energy sector <div align="right">Mar 2025</div>
- Analysed the impact of mergers and acquisitions in the energy sector, with a focus on green vs. brown company classifications based on carbon intensity

SKILLS

Languages: English (C2; Fluent), German (A2, pursuing B1), Hindi (Native)
Finance: Python, Excel VBA, Bloomberg Terminal, Power BI, Valuation, Solvency II, UCITS, Portfolio Optimization
IT Skills: MSSQL, C++, RPA scripting, MS Office, PowerShell, AWS, Git, Active Directory

LEADERSHIP & EXTRACURRICULAR

- Co-Lead, Diversity, Equity & Inclusion Initiatives, Deloitte Gurugram (2021–2024)
- Contributor, Blockchain Training Alliance, Deloitte (2022–2023)
- Volunteer Trainer, Digital Empowerment Foundation (2023)
- Winner, Social Innovation Challenge with US Consulate (2019)
- Completed a module at Tomorrow University of Applied Sciences (Oct–Dec 2024),focusing on entrepreneurship and data analysis *(developed MoneyWise, a gamified web app for learning personal finance)*

CERTIFICATIONS

PCEP Python Programmer (2024)	Bloomberg Market Concepts (2025)	CyberArk Certified Trustee (2023)
AWS Cloud Practitioner (2022)	Diploma: Visualizing Data with PowerBi (2025)	DataCamp Data Scientist (ongoing)

INTERESTS

Public Speaking & Debating, Mountaineering (ABVIMAS certified), Field Hockey (school/university teams)