

Resume of Naeem Ahmed

Contact Details

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Language Proficiency

English Good
Afrikaans Fair

Education

School Graduation 2011
Qualification National Senior Certificate
Institution CIS

Degree Years 2013 – 2016
Qualification BEng Chemical Engineering
Institution University of Pretoria

Character Attributes

Naeem brings a diverse skill set to his work, spanning from high-level analytical abilities to exceptional customer relations, owing to his background in chemical engineering and his experience running a small business during his university years. His career includes 4 years of experience with Deloitte's Advanced Analytics division and a 3-year tenure at Entelect.

Throughout these years, Naeem has skillfully blended the use of cutting-edge technologies with an Agile Software Development Life Cycle approach. His contributions have been significant enough to be featured on Deloitte's Global Innovation Platform for each project he has been involved in. His professional journey at Entelect has broadened his international experience as he has virtually collaborated with teams based in Australia, Peru, South Africa, and the United Kingdom, primarily in the mining sector.

As part of the Data Factory Graduate program at Deloitte, Naeem has shown a strong commitment to continuous learning. For two years, he dedicated one day per week to enhance his knowledge and skills, focusing on case-study-based training designed to simulate real-life consulting scenarios. This program underscores the breadth that Naeem was exposed to at an early stage in career assisting him with traversing varied data domains.

Work Experience

Period	Project	Role	Employer	Responsibilities
June 2023 – Present 2023	LLM research and Proof of Concept development	Senior Data Solutions Engineer	Entelect	Create Proof Of Concepts based on LLMs
January 2023 – June 2023	Digital Control Monitoring	Senior Data Engineer	Anglo American	Initiated and executed a redesign of the team's data architecture to enhance data accessibility and overall system efficiency.

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Period	Project	Role	Employer	Responsibilities
January 2022 – June 2022	Udacity Collaboration Anglo American Inaugural Custom Project	Lead Developer	Anglo American	Led the development of custom content for Anglo Americans pioneering global pilot course on Udacity.
January 2022 – June 2022	Crop Nutrients Front End Development	Lead Data Scientist	Anglo American	Directed the refinement of a web application through bug resolution, user experience enhancement, and functional issue mitigation.
March 2022 – July 2022	Coal Processing Plant Optimisation	Lead Data Scientist	Anglo American	Undertook a detailed study of delays due to Strata and Ventilation/Gas and developed a forecasting model.
January 2022 – June 2022	Gas and Strata Delay Predictions	Lead Data Scientist	Anglo American	Led the estimation of delays caused by two major factors - Strata and Ventilation/Gas, and developed a forecast model.
June 2021 – December 2021	Power Prediction	Data Scientist	Anglo American	Deployed machine learning to estimate energy consumption and Green House Gas impacts.
October 2020 – June 2021	Methane Analytics	Data Scientist	Anglo American	Conducted a historical statistical study of Methane and its causes within a mine.
July 2019 – October 2020	DNAi (Automated Machine Learning)	Developer	Deloitte	Contributed to the development and maintenance of the DNAi solution (Automated ML solution) to a production state.
October 2017 – June 2019	Risk Intelligence Tool	Developer	Deloitte	Participated in the development of a risk intelligence tool, focusing on the adverse media component.
October 2017 – June 2019	Cloud storage KYC remediation Big Four Bank	Developer	Deloitte	Participated in Deloitte's development team for the creation of a cloud storage solution for KYC remediation.
July 2017 – July 2017	IDT - Matching	Developer	Deloitte	Worked on matching invoices and payments per customer based on the amounts and dates within all accounts.
Feb 2017 – July 2017	KYC Big Four Bank	Analyst	Deloitte	Assisted in determining the correct entities in the corporate

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Period	Project	Role	Employer	Responsibilities
				division of one of the big four banks.

Tools used:

Python, SQL (MS, Postgres, My), R, Azure Devops, Kafka, Micro-services architecture, AWS, Windows, MongoDB, Selenium, Neo4j, SAS, Power-BI, QlikView, Tableau, Matplotlib, Dataiku, Databricks, Azure Data Factory, git, git-flow, tox, Azure Pipelines, Dash, LLMs

Certifications:

The history of certifications is listed below, for links to the certifications please see LinkedIn

Issuer	Certification	Date Issued	Skills
ActiveLoop	Langchain and Vector Databases in Production	Jul 2023	Large Language Models (LLM), OpenAI Products, Python, activeLoop
Udacity	Data Analysis and Visualization with Microsoft Power BI	Feb 2023	Data Analysis, Visualization, Power BI, Data Mining
Udacity	Machine Learning Engineer with Microsoft Azure	Jan 2023	MLOps, Python (Programming Language), Microsoft Azure, Machine Learning
Udemy	Bayesian Statistics	Aug 2022	Bayesian Statistics, Data Analysis, Data Modeling
Udacity	Data Science Nanodegree	Aug 2022	Data Science, Python, Machine Learning, Statistics
Dataiku	Dataiku Developer	Jul 2021	Data Science, Dataiku, Machine Learning, Data Engineering
Dataiku	Dataiku Advanced Designer	Jun 2021	Data Science, Advanced Data Design, Dataiku, Data Visualization
Microsoft	Azure AI Fundamentals	Apr 2021	Data Science, Azure AI, Machine Learning, Cloud Computing
Dataiku	Dataiku Core Designer	Apr 2021	Data Science, Core Data Design, Dataiku, Data Visualization
Dataiku	Dataiku ML Practitioner	Apr 2021	Data Science, Machine Learning, Dataiku, Predictive Modeling
Microsoft	Azure Data Fundamentals	Mar 2021	Data Science, Azure Databricks, Cloud Computing, Data Engineering
Microsoft	Azure Fundamentals	Mar 2021	Data Science, Azure, Cloud Computing, Cloud Security
Udemy	DP-900 Azure Data Fundamentals Exam Prep In One Day	Mar 2021	Data Science, Azure Databricks, Azure Data Fundamentals, Data Engineering

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Udemy	Python for Time Series Data Analysis	Nov 2020	Data Science, Time Series Analysis, Python, Data Analysis
Udacity	AWS Fundamental course in the AWS Machine Learning Scholarship	Aug 2020	Data Science, AWS, Machine Learning, Cloud Computing
Udacity	Intel® Edge AI Scholarship Foundation Course Nanodegree Program	Feb 2020	Data Science, Edge AI, Machine Learning, Computer Vision
UiPath	UiPath Foundation Training	Jul 2019	Data Science, RPA, UiPath, Automation
Amazon Web Services (AWS)	Amazon Web Services Cloud Practitioner	May 2020 (Expired May 2023)	Data Science, AWS, Cloud Computing, Cloud Security

Additional Information

Last Updated: 16 July. 23

Certifications and Supporting Documents will be available upon request.