Nahla Abdul Nazeer

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PROFILE

Machine Learning engineer employed in the **FinTech sector** with 2 years experience in AI/ML, Software development and Data analytics. Graduated with a Master's degree in Financial Technology from **Coventry University, London**.

WORK EXPERIENCE

Software Engineer - Level 1 (Machine Learning)
OMA Emirates (Payment Technology industry) | 09/2023 - Present | Sharjah, UAE
- Developed Payment solutions **under the supervision of VP of Software development and Solution Architect**.
- Enhanced and developed the **Face Payment** backend application, driving progress from 50% to 80% completion and successfully advancing it to the User Acceptance Testing (UAT) phase [Python, SQL].
- Developed **Spoof detection system** for Face payment application, achieving 0-80% completion and optimized it to run efficiently on low-configuration POS terminals [Python, C++].
- Developed an **OCR payment application** for Remote payment service integration from initial concept to final product (UAT)[Python, SQL].
- Led research and development (R&D) efforts in Machine learning, focusing on studying and testing advanced Computer vision algorithms.
- Improved Face recognition accuracy from 65% to 95% for large datasets through dedicated research and development.
- Collaborated with Android, iOS and .NET developers.

Data Scientist Intern (MSc Extended Professional practice)
Nimbla Limited (Insurance Technology) | 10/2021 – 03/2022 | London, UK
- Worked under the supervision of CEO to submit **Board-level Risk reports** weekly by analysing Credit risk data (Tableau, Pivot tables, R programming).
- Collaborated with Credit Risk Analysts to map 75% of the development of **Fraud detection model**.
- Created and Troubleshot Data Visualisation reports regularly (Tableau, BigQuery and Excel).
- Analysed and improved **Barclays Bank Sales data reports** by 25% (SQL, Tableau).
- Attended Risk team meetings weekly which was led by CEO and engaged with team members during the progress of Analytics projects such as **Delinquency prediction** and Pricing strategies.
- Obtained KnowBe4 Data Security awareness training (2021).

Project Coordinator - Software development
Middle East Logistics & Cargo Services LLC | 07/2020 – 01/2021 | Ajman, UAE
- Coordinated a team of 4 in developing Logistics aggregator app and web portal, taking the project to UAT.
- **Enhanced Web portal dataset** by 50% during development.
- Worked under the supervision of Managing Director to create a Business plan based on Market research, increasing project efficiency by 50%.

Junior Accountant
Speed Middle East General Trading LLC | 11/2019 – 04/2020 | Ajman, UAE
- Assisted Senior Accountant with Bookkeeping and **Financial reporting** (Tally ERP9, Excel)
- Prepared more than 100 Sales Quotations (Oracle)
- Completed 25% transfer of financial data to Oracle database.

EDUCATION

MSc Financial Technology with Extended Professional Practice (FinTech)
Coventry University London Campus | 09/2022

Grade: Merit

Relevant Modules: **Artificial Intelligence in Finance**, Risk analysis and Financial modeling, International Banking regulatory standards, Algorithmic trading, Regulation technology, Entrepreneurial Finance, FinTech landscape and transformations in Financial services.

Dissertation: Stock market prediction using CNN and Moving average crossover.

Extended professional practice: Data Science Internship at Nimbla, London.

Business Analytics Certificate Program (E-Learning)
Great Lakes Institute of Management - India | 2019

Relevant Modules: Machine learning, Time series forecasting, **Predictive Analytics**, Business Statistics.

Bachelor of Commerce - Finance
St. Joseph's College Devagiri - India | 2018

Relevant Modules: **Financial Accounting**, Quantitative techniques for Business, Managerial Economics.

SKILLS

Programming Languages: Python, R, C++

Python: PyTorch, TensorFlow, Keras, FastAPI, Flask API, CNN, Swagger, Scikit-learn, Federated learning, Encryption, Livestream.

Tools: POS terminal, SQL, Excel, Postman, TFS, Remote Payment System, Tableau, GCP, Oracle database, BigQuery, Pivot tables, HTML, Atlassian suite, Pitch deck, SSMS.

IDE: Visual studio code, Anaconda, Jupyter Notebook, RStudio, Pycharm, Android Studio, Visual Studio

OS: Windows, Linux

Other: Patent documentation, Research reports

Languages: English (fluent), Hindi, Malayalam.