

# ROHAN NAGENDRA

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## SUMMARY

As a skilled Business Analyst with expertise in data-driven solutions and strong leadership skills, I am committed to developing effective strategies that align with organizational goals. My passion for data analysis motivated me to pursue an MSc in Business Analysis & Consulting, further enhancing my skills and knowledge. With experience in the energy sector and Blockchain technology, I have a proven track record of delivering exceptional results while collaborating with cross-functional teams. I possess excellent communication, strategic planning, and problem-solving skills, and am proficient in SQL, Python, R Programming, Simul8, Genie, and Tableau.

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## EXPERIENCE

### WELLDECOMMISSIONED

Aberdeen , United Kingdom

#### Energy Analyst

11/2022 to Current

- Developed and implemented an AI tool using Python to analyze reports in the oil and gas industry, resulting in a 50% reduction in manual effort and increased accuracy of data analysis.
- Authored policies based on the AI tool to standardize data analysis practices, working closely with stakeholders to ensure consistency in reporting across the organization, improving efficiency and quality of work.
- Built and implemented a streamlined workflow strategy, identifying bottlenecks in the workflow and implementing process improvements, resulting in a 30% reduction in turnaround time for project deliverables and improved team efficiency.
- Designed and delivered comprehensive training sessions and coaching to team members on the use of the AI tool, improving their knowledge and confidence and ensuring successful adoption across the organization.
- Collaborated with cross-functional teams to identify opportunities for process improvement, resulting in an overall reduction in operational costs and increased customer satisfaction.
- Gained in-depth knowledge in the energy sector, specifically in oil and gas, conducting research and staying up-to-date with the latest trends and developments to provide valuable insights and recommendations to stakeholders.
- Developed leadership, project management, and collaboration skills through leading project teams, managing project timelines and budgets, and working effectively with colleagues from diverse backgrounds and skillsets.

### UNITED HEALTH FUTURES SA

Geneva , Switzerland

#### Blockchain Consultant

06/2022 to 08/2022

- Developing a comprehensive strategy roadmap to introduce blockchain technology in global health finance. This involved researching and identifying key stakeholders, evaluating current financial systems and their limitations, and proposing a blockchain-based solution that could address these challenges.
- Creating an MCDA (Multi-Criteria Decision Analysis) model to assist with the selection of consensus mechanisms, as well as the layers of blockchain (L1 or L2), and fundraising methods such as ICO, IEO, or IDO. The model considered a range of factors such as security, scalability, cost, and ease of implementation.
- Conducting market analysis using Excel to compare trends in global health finance and identify areas where blockchain technology could add the most value. This involved analyzing data on healthcare expenditure, public health financing, and other relevant metrics to gain a comprehensive understanding of the market landscape.
- Proposing future areas of research and development for the project, which could potentially improve the effectiveness and efficiency of the blockchain-based solution. This involved staying up-to-date with the latest trends and advancements in blockchain technology and global health finance, and making recommendations based on emerging best practices.

### UNIVERSITY OF STRATHCLYDE

Glasgow, United Kingdom

#### Apprentice

01/2022 to 04/2022

- Developed a VBA model for break-even analysis in the aviation industry, taking into account various factors such as production costs, sales volumes, and pricing strategies specific to the remanufacturing industry.

- Gained hands-on experience and training in VBA, macros, and model building, acquiring a deep understanding of how VBA can be used to automate repetitive tasks, streamline workflows, and improve the accuracy of financial models.
- Demonstrated strong attention to detail and problem-solving skills, completing assigned tasks on time and to quality specifications, while working closely with team members and project managers to identify potential issues and roadblocks early on in the process.
- Successfully delivered the VBA model on time and within budget, meeting or exceeding all quality standards.
- Contributed to the development of circular economy and remanufacturing industry practices in the aviation industry, gaining valuable insights into the principles of the circular economy and the potential for remanufacturing to contribute to a more sustainable future.

**MS RAMIAH MEDICAL COLLEGE**  
BENGALURU, KARNATAKA

**Health Analyst Intern**

11/2020 to 04/2021

- Developed a screening tool for diabetic macular edema detection using deep learning techniques for image processing, resulting in an accurate and efficient tool that can detect early signs of macular edema and prevent blindness in diabetic patients.
- Trained the model on a large dataset of retinal images using convolutional neural networks (CNNs), and optimized it to achieve high levels of accuracy, demonstrating a strong understanding of machine learning and computer vision principles.
- Designed a user-friendly interface using Flask, allowing medical professionals to easily upload retinal images and obtain results in real-time, showcasing skills in web development and software engineering.
- Incorporated a database system to store the results for future reference and analysis, demonstrating proficiency in database management and data analysis.
- Collaborated with team members and project managers to identify areas for improvement in existing processes and develop new strategies for better efficiency and effectiveness, demonstrating strong problem-solving and communication skills.

**VI SOLUTIONS**  
BENGALURU, KARNATAKA

**Data Analyst Intern**

05/2020 to 06/2020

- Received comprehensive training on Labview, a software tool commonly used in data acquisition, automation, and analysis, and learned how to use it to build machine learning models for image classification and processing.
- Developed strong data analysis skills and gained a deep understanding of various image classification and processing techniques through working on several projects that involved the use of Labview to analyze large datasets.
- Applied acquired skills and knowledge to consistently deliver high-quality results on a variety of projects, while working efficiently and effectively in a team environment, collaborating with colleagues and management to ensure timely completion of projects to the highest standards.
- Collaborated with management to support upcoming projects, by identifying new opportunities for data analysis and automation, developing proposals and feasibility studies for new projects, and contributing to the creation of project plans and timelines.

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**SKILLS**

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**Technical Skills:**

- Proficient in SQL for data querying and manipulation
- Experience in using Python for data analysis, visualization, and machine learning
- Skilled in using Microsoft Excel, Word, and PowerPoint for data analysis, report writing, and presentations
- Knowledge of data visualization tools such as Tableau and Power BI for data analysis and reporting
- Familiarity with software development tools and methodologies, such as Agile and Scrum
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**Soft Skills:**

- Excellent communication skills, both written and verbal, for effective collaboration with cross-functional teams and stakeholders
- Strong problem-solving skills for identifying and resolving complex business issues
- Strategic planning skills to develop and execute effective business strategies
- Strong attention to detail to ensure accuracy and completeness of analysis and reporting
- Ability to work under pressure and deliver high-quality work within tight deadlines
- Continuous learning and adaptability to keep up with the latest industry trends and technologies.

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**EDUCATION**

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**University of Strathclyde**, Glasgow, GLG

**Key modules:** Managing Business Operations, Quantitative Business Analysis, Strategy Modelling and Management, Spreadsheet Modelling and Demand Forecasting, Risk Analysis and Management, Business Simulation Methods, Performance Measurement, and Management.

- A Dissertation in Global Health Finance using Blockchain Technology.
- Distinction-Academic Achievement Award

**BACHELOR OF ENGINEERING: MEDICAL ELECTRONICS**

2021

**BMS College of Engineering**, Bengaluru

- I have completed my Bachelors in Medical Electronics Engineering with a GPA of 7.8(First class with distinction) and I have developed the skills of analytics, problem-solving, intrapersonal and designing.
- Coursework in Signal Processing, Clinical Data Analytics, Analog Microelectronics, Embedded Systems, Human Anatomy analysis.
- Final year project on the Detection of diabetic macular edema

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**PROJECTS**

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**1. WHO- World Health Organization Contact Tracing:**

- The project aimed at digitizing contact tracing in low and low-middle-income countries for a better standard of health and maintaining good data and improving data collection methods.
- Created scenario planning for the most optimal contact tracing solutions for places with limited access to digital technologies.
- Learned about waterfall methodology, stakeholder analysis, NFT, and Multi criteria decision analysis.

**2. Walker's Precision Engineering:**

- The project aimed at the calculation and interpretation of the company in terms of production, delivery, and cost. The task was to measure the facility yield of the manufacturing facility, the company's delivery performance, and the budgeting of the company.
- Worked on their ERP system's dataset and suggested ways to improve it through automating the process.
- Learnt about excel data analysis libraries, VBA, and Power BI for creating dashboards.

**3. Valentia Partners:**

- The project was to come up with a customer retention and expansion strategy for a traditional brick and mortar bank in the post covid 19 affected market.
- Created a feasible approach for the banking system during covid lockdown using risk analysis, SPECTRE Analysis and scenario planning and gave a short term and long term goals that can be achieved.
- Learnt about investment banking, risk management and neo banks.

**4. Deloitte:**

- The task was to help the Police force of Scotland to recruit and retain more people according to the demographic needs such as the size of the area and number of people residing.
- Worked on providing a strategic approach for developing the recruitment and retention of police workforce in UK.
- Learnt about tools for strategic planning and action plans such as SPECTRE, PESTEL, SWOT analysis.

**5. Development of a screening tool for the detection of macular edema:**

- The project was about efficient use of technology for screening of retinal images for faster processing and reduce wait time of patients.
- Used Convolutional Neural Network and created a web application with FLASK.
- Learned image classifications while using of Efficient Net.

**6. DETECTION OF CREDIT CARD FRAUDULENT USING RANDOM FOREST :**

- The project was about finding out credit card frauds in a certain area associated with a bank.
- Detected the user's spending pattern, geographic location, late payments, and the risks associated.
- Learnt about EDA (Exploratory Data Analysis) and detected fraud without using Machine Learning principles.

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**CERTIFICATIONS**

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- Introduction to Big Data by University of California Davis
- Data Science: Machine Learning from Harvard X
- Economics and International Business from International Business Management Institute Berlin Germany
- Introduction to Data Science in Python from University of Michigan
- Introduction to Data Analytics for Business from University of Colorado
- Python for Everybody from University of Michigan
- Machine Learning: Regression from University of Washington
- Software Engineering Virtual Experience from JP Morgan
- Google Analytics for Power Users by Google Analytics Academy