**Ramesh Paila**

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Summary

Dedicated and results-driven professional with a solid foundation in data analytics and a diverse background in fields ranging from project management to culinary arts. Possess a strong command of essential data analysis tools, programming languages, and frameworks, coupled with the ability to tackle complex challenges with a methodical and data-driven approach. Known for optimizing efficiency and productivity through keen attention to detail, strategic planning, and leadership skills. Adept at handling multiple responsibilities while maintaining a commitment to accuracy and quality. Eager to leverage practical experience, technical expertise, and analytical insight to excel in a data analyst role, providing valuable understandings and solutions for data-driven decision-making.

Skills

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| * Time Management: Organizing tasks of importance and completing projects on time by using Gantt chart for scheduling tasks individually. * Prioritization: Prioritizing tasks effectively by organizing tasks in order of importance and using tools like spreadsheets. * Leadership skills: Demonstrated when successfully managed small team of individuals on group project work. * Programming Languages: Java, Python, SQL | * Tools: SAS, Tableau, PowerBI, VScode, Excel * OS: Windows, Linux * Version Control: GIT * Frameworks: Spark, Pandas, NumPy, Scikit-learn, Matplotlib * AWS, Unit Testing * Microservices |

Education

**PG Diploma**: Data Analytics, 10/2021 - 09/2022

**De Montfort University** – Leicester

* Developed machine learning models utilizing techniques like linear regression, random forest, and boosted trees to accurately predict flight delays, improving performance through feature engineering and model tuning.
* Researched and analyzed token-based authentication systems, including OTP, API, hardware, and JSON tokens, concluding they provide enhanced security over passwords while enabling efficient identity confirmation.
* Designed customizable data visualizations and dashboards applying principles of effective data storytelling, enabling Majenta staff to gain actionable insights from the new BI platform.
* Analyzed the Framingham dataset in SAS Enterprise Miner, building predictive models like logistic regression and neural networks to identify key risk factors for cardiovascular disease.
* Used the GIT repository tool to pull the data, commit changes to the existing code, and push it to the server.
* Member of De Montfort University Students Union.

**Bachelor's degree**: Electrical and Electronics Engineering (EEE), 04/2012 - 04/2016

**Jawaharlal Technological University (JNTUK)** - Bhimavaram, India

* *Project*: GSM based automatic energy meter reading system with instant billing.

Work history

**Royal Mail Part Time,** 09/2022 – Present

**Royal Mail Midlands Super Hub,** Northampton, Northamptonshire.

* Enhanced parcel sorting efficiency by 15% through data-driven quality control.
* Collaborated across departments to ensure error-free parcel processing.
* Managed 20+ employees as a shift manager, improving productivity.
* Reduced processing time by 10% through data-driven problem-solving.

**Breakfast Chef Part Time,** 04/2022 – 09/2022

**Phat Buns,** Leicester, Leicestershire.

* Proficiently prepared a variety of breakfast dishes like classic ones to build your own breakfasts with a focus on taste and presentation.
* Ensured timely service during peak hours, optimizing customer satisfaction.
* Maintained high standards of food safety and hygiene, contributing to a safe dining environment.

**Administrator Part Time**, 12/2021 – 04/2022

**Wincanton** **W2** The Web – Corby, Northamptonshire

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* Collaborated with cross-functional teams to identify business needs and provided technical solutions to enhance warehouse operations.
* Conducted regular system performance evaluations, identifying, and resolving issues to optimize system efficiency and prevent potential downtime.
* Monitored system security and implemented robust measures to safeguard data and prevent unauthorized access.
* Led training sessions for end-users and provided ongoing support to ensure smooth system adoption and usage.
* Assisted in the deployment and maintenance of IT equipment, including desktops, laptops, and printers.

**Junior Engineer**, 08/2016 – 03/2020

**Nagarjuna Constructions** – Hyderabad, India

* Planned and supervised complex projects involving electrical pump houses and underground pipelines, highlighting strong project management and coordination skills.
* Addressed challenges across electrical, mechanical, and civil domains, showcasing adaptability and critical thinking abilities.
* Practical experience in the field provides a solid foundation for data-driven decision-making and analysis in a data analyst role.
* Oversaw billing processes for outsourced sub-projects, ensuring accurate client invoicing and maintaining comprehensive financial records.
* Exceeded cost reduction targets by 15% while ensuring consistently met quality standards.

LANGUAGE

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| **Telugu**-  Native | **English** -  Advanced | **Hindi** -  Fluent |  |