

# Bhavana P.

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## SUMMARY

Versatile Data and Software Analyst with 3+ years of experience in analytics and development, with expertise in **AWS data and analytics services, Python, SQL, ETL/ELT, REST API development**. I am actively seeking a role as a **Data Analyst**. I have the right to work in the UK.

## EDUCATION

**MSc in Data Analyst, Distinction** | Queen's University Belfast | 2023 – 2024

- **Modules:** Data Mining (1st), Machine Learning (1st), Big Data Analytics (1st)
- **Dissertation:** Sport-Related Concussion Analysis and Visualisation (Distinction)

**BE in Information Technology, Distinction** | Mumbai University | 2017 - 2021

- **Modules:** Data Structure and Algorithm, Database Management, Artificial Intelligence, Software Development
- Organized national-level technical events and secured accolades in co-curricular activities

## WORK EXPERIENCE

**Data Engineer** | Business Insider | January 2025 - Present | Belfast, UK

- Designed and deployed **data ingestion and transformation pipelines** using **AWS and Snowflake**
- Built and maintained **Redshift-based data warehouse** architecture for reporting and analytics
- Optimized dbt models for performance and integrated them with **S3-based data lake layers**
- Developed RESTful APIs and Python automation for system integration and data access

**Data Analyst** | Incisiv Ltd. | June 2024 - December 2024 | Belfast, UK

- Implemented **Power BI** dashboards that enhanced athlete performance analysis, reducing operational costs by 50% across 24 client teams
- Automated daily reporting tasks using **Python and Bash**, cutting manual effort by 30% and improving accuracy
- Optimised dashboard performance with **SQL improvements**, achieving a 40% faster load time and real-time metric tracking using **AWS Cloud**

**Software Data Specialist** | Bridgenext | June 2021 - August 2023 | Pune, India

- Developed scalable applications using **ReactJS, NodeJS** and Python, adhering to best practices in backend development with **MVC architecture**
- Improved data retrieval speed by 40% through SQL query optimization in **MySQL** and **PostgreSQL** databases
- Developed and integrated **RESTful APIs** for microservices to enhance system performance and flexibility
- Worked on Docker-based containerization and improved deployment workflows through **Google Cloud Provider (GCP)**

## EXTRACURRICULAR ACTIVITIES

- **Trading day prediction model (Energia Group)** – enabled early bidding and boosted revenue forecasts by 20%
- **Tableau dashboard (KDC Insurance)** - that identified top 5 high-risk zones post-Hurricane Ian, improving risk response planning by 25%
- **Volunteer (All Saints Home)** - supporting 50+ elderly residents through activities, events, and wellness programs
- **Vice President (Mumbai University)** - Led a team of **200** members ensuring a **9.5/10** satisfaction score

## TECHNICAL SKILLS

- **Big Data & Processing:** Spark, Data Lakes, Data Warehousing, Stream & Batch Processing
- **Tools & Frameworks:** dbt, Docker, Power BI, Looker Studio, Git, Visual Studio, Tableau
- **Languages:** Python, SQL, JavaScript, Java, Bash, REST APIs
- **Other:** Data Modelling, ETL/ELT, Data Integration (APIs), Object-Oriented Programming