

# Bernard Birendra Das

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## PROFESSIONAL SUMMARY

Versatile developer with a Master's in Computer Science, distinguished for collaborative skills and a track record of independently delivering impactful results. Ample experience in full-stack development, delivering well-documented, tested, and operable code. Efficient in collaborating and communicating new ideas and opinions.

## AWARDS AND CERTIFICATIONS

**Foundational C# with Microsoft Developer Certification**  
**AWS Academy Graduate - AWS Academy Cloud Foundations**

September 2023  
November 2022

## TECHNICAL SKILLS

**Languages:** Python, Postgres, MySQL, MS-SQL, R

**Machine Learning / Deep Learning:** Scikit-learn, TensorFlow, PyTorch, XGBoost, LightGBM, CatBoost, Hugging Face Transformers

**Data Engineering:** Apache Spark, dbt, Airflow, Snowflake, BigQuery, Databricks, Kafka

**MLOps:** MLflow, Kubeflow, DVC, Prefect, Docker, Kubernetes, Git, CI/CD

**Cloud Platforms:** AWS (SageMaker), Redshift, Lambda, GCP (BigQuery), Vertex AI, Azure (ML), Data Factory

**Visualization:** Power BI, Tableau, Plotly, Seaborn, Matplotlib

**Other Skills:** Data Modeling, Feature Engineering, Experiment Tracking, A/B Testing, Agile (Scrum/Kanban), SOLID, Design Patterns

## EXPERIENCE

**Software Developer** | Simplify3x Software Private Limited | **2 yrs 5 mos**

January 2023 – May 2025

- Worked on the core product team of SimplifyQA product as a feature owner for PDF Reports and Pipeline Executions modules.
- Designed and implemented RESTful APIs and microservices in Node.js, significantly reducing service response times and improving overall system scalability.
- Developed dynamic, data-driven dashboards using Angular and D3.js, enabling real-time visualization of key performance metrics for business stakeholders.
- Collaborated with product owners, QA engineers, and DevOps to establish a CI/CD pipeline on Azure DevOps, cutting deployment times from hours to minutes.
- Mentored two junior developers through code reviews and pair-programming sessions, fostering best practices and accelerating feature delivery.

## EDUCATION

CHRIST (Deemed to be University), Bangalore

**PhD in Data Science** | CGPA : –

December 2024 – present

CHRIST (Deemed to be University), Bangalore

**Master of Computer Applications (MCA)** | CGPA : 8.66

June 2021 – June 2023

St. Xavier's College (Autonomous), Kolkata

**Bachelor of Computer Science Honours** | CGPA : 7.20

June 2018 – June 2021

## PROJECTS

**Project 1** | Django, IBM Cloud, SQLite, Function-as-a-Service, Kubernetes, OpenShift

Nov 2023

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**Project 2** | Python, numpy, D3.js

Spring 2022

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**Project 3** |  $\LaTeX$

November 2021

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