

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
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St. Xavier's College (Autonomous), Kolkata

PhD in Data Science | CGPA : – December 2024 – present
Master of Computer Applications (MCA) | CGPA : 8.66 June 2021 – June 2023
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 | ~~ETX~~

November 2021

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