

Kamalakshya Behera

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Professional Summary

Physics graduate turned backend developer with hands-on experience building production-grade, data-driven applications. Developed a full-stack YouTube Analytics Dashboard integrating YouTube Data API v3, real-time data processing with Pandas, and predictive analytics using Python and Streamlit. Proficient in Django, PostgreSQL, and REST APIs, with a strong foundation in database design and backend architecture — currently pursuing MCA from ITER, Bhubaneswar (2026).

Education

ITER, Siksha 'O' Anusandhan, Bhubaneswar

Master of Computer Applications

2024-26, CGPA: 6.6 (till 2nd Sem)

2026

Utkal University

Bachelor of Science in Physics

2021-2024, CGPA: 8.31

2024

Vivekananda Shiksha Kendra

12th CBSE

2019-2021, Percentage: 77%

2021

Certifications

Python Foundation Certification Infosys | Springboard

May 2025

Technology Job Simulation Deloitte

Aug 2025

Skills

Programming & Development Python (Proficient), SQL, HTML/CSS, Django, Django REST Framework, Streamlit, Pandas, Plotly
Databases MySQL, PostgreSQL

Web Dev Tools: Git/GitHub, VS Code, Postman, Jupyter Notebook

Concepts: REST APIs, ORM, Database Schema Design, Data Analysis, Backend Development

Soft Skills: Self-learning, Problem-Solving, Team Collaboration, Adaptability

Projects

YouTube Intelligence Dashboard with Predictive Analytics. [GitHub](#)

Feb 2026 – Mar 2026

A full-stack analytics platform to track, analyze, and forecast YouTube channel performance using real-time API data.

- Built a full-stack analytics dashboard using Python and Streamlit, integrating YouTube Data API v3 to fetch real-time channel and video metrics.
- Processed and transformed raw API data using Pandas to compute KPIs such as engagement rate, like-to-view ratio, and posting trends.
- Designed interactive visualizations using Plotly to analyze channel growth, audience engagement, and content performance.
- Developed a PostgreSQL database schema and analytics queries for efficient storage and retrieval of channel and video data.
- Implemented multi-channel comparison and forecasting logic to predict engagement trends and recommend content strategies.
- Optimized API usage by handling pagination and reducing redundant calls, improving data fetching efficiency and reliability.

Fullstack E-Commerce Website. [GitHub](#)

Mar 2026 – In Progress

A collaborative full-stack e-commerce platform (team project) with completed frontend and database layers; backend development in progress using Django and MySQL.

- Collaborated with team members to design and develop a full-stack e-commerce platform covering user authentication, product management and shopping workflows.
- Developed backend functionalities using Django and MySQL to implement secure user authentication and efficient product management, enhancing platform reliability and user experience.
- Implemented responsive frontend design using HTML, CSS, and JavaScript to ensure seamless user experience across devices and screen sizes.
- Integrated shopping cart, checkout, and payment processing workflows to enable smooth and secure transaction experiences for users.
- Designed relational database schema for products, users, and orders ensuring data consistency and efficient queries.
- Utilized a technology stack including Python, Django, MySQL, HTML, CSS, and JavaScript to develop a robust and scalable full-stack e-commerce platform.