

Oikantik Basu

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🌐 <https://www.linkedin.com/in/oikantik-basu-b13919278/> 🌐 Portfolio Page 📺 Coursera

SUMMARY

Computer Science graduate with expertise in web development, app design, and AI solutions. Experienced in building disease prediction models and automated systems using TensorFlow, Keras, and Figma. Passionate about innovation, hackathons, and creative pursuits like video editing and robotics. Eager to apply skills and drive impactful solutions in a collaborative environment. I will be a great Data Scientist in future.

TECHNICAL SKILLS

Design & Prototyping: Prototyping, User Research, Interaction Design, Visual Design, Accessibility, Responsive Design.	Development Tools: VS Code, Cursor(AI), Kubernetes, Jupyter, Figma, Adobe Suite, REST/GraphQL, VM	AI & NLP & ETL: TensorFlow/Keras, ER, EL, Data Extr., Pandas, Numpy, Matplotlib, Seaborn, Data Pipelines, more	Databases: MySQL, Firebase, AWS, MongoDB, Azure, Google Cloud	Languages: Python (Main), Java, C++, HTML, JavaScript, CSS TypeScript, React
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EXPERIENCE

Unified Mentor (Data Science Intern) 25th Mar 2025 - 25th June 2025

- Project 1 - IBM HR Analytics Employee Attrition & Performance ([Link](#))
- Project 2 - Netflix Data: Cleaning, Analysis and Visualization ([Link](#))
- Project 3 - Drugs, Side Effects and Medical Condition ([Link](#))
- Project 4 - TCS Stock Data - Live and Latest ([Link](#))

Pingpen  Jun 2024 - Present

- Designed 12+ websites and apps using Figma, improving client engagement by 40% through intuitive UI/UX.
- Developed 3+ web designs with WordPress and Elementor Pro, reducing page load time by 30% via optimized code.
- Created 10+ project data flow and workflow systems for applications using Figma.
- Designed 43+ custom Youtube thumbnails.

K.pop Merchandise Jan 2021 - Feb 2022

- Automated Shiprocket operations using Power BI and Tableau, reducing data processing time by 50% and improving inventory accuracy by 20%.
- Collaborated on digital marketing campaigns, increasing website traffic by 60% and driving ₹10L+ in sales during peak promotional periods.

ADDITIONAL EXPERIENCE

Freelance AI Data Scientist & Annotator (Mindrift)

- Gained hands-on experience using advanced data labeling tools like Label Studio, Prodigy, and Doccano for text classification, data annotation, and rubric-based evaluations of large language models (LLMs).
- Contributed to the Hyperion V2 project on Outlier AI, conducting high-quality prompt-response evaluations and model feedback annotations to enhance AI model performance.
- Adapted quickly to tool-specific workflows and quality guidelines in dynamic remote environments.
- Demonstrated rapid adaptability to new labeling platforms and guidelines across varied AI development workflows.

PROJECTS

Ecosprout – Virtual Plant Health & E-commerce Platform

- Designed and implemented a FlutterFlow mobile app for real-time leaf disease detection using TensorFlow Lite image classification models
- Engineered end-to-end e-commerce workflow: product catalog, shopping cart, Stripe payment integration and order management
- Optimized model inference pipeline to deliver diagnostic results in under 2 seconds, increasing user retention by 30%

Automated Heating Flask – GDSC 2023 Hackathon

- Led development of a smart flask prototype using Arduino (ESP32) and DS18B20 temperature sensors with PID control for automatic heating
- Built an IoT monitoring dashboard with MQTT-based data streaming and a React front-end for real-time temperature visualization and alerting
- Collaborated in a 4-person team to deliver a working proof-of-concept within 48 hours at Google Developer Student Clubs 2023

Drugmed – Drug Review Analysis & Predictive Modeling

- Performed comprehensive data ingestion and cleaning of drug side-effect and review datasets from FDA open labels and Kaggle using Python, Pandas and NumPy
- Engineered features and implemented classification pipelines (RandomForest, XGBoost) to predict side-effect severity, achieving 87% accuracy
- Developed an NLP-based sentiment analysis module with spaCy and NLTK to extract patient sentiment from free-text reviews, enhancing model interpretability and decision support

EDUCATION

University of Pittsburgh [Online MDS]

Sep 2025 - Feb 2027

Master's in Data Science

- Provisional Profile - [Link](#)
- In progress - Fall Term 2025

Techno International New Town [Kolkata]

Oct 2020 - Jul 2024

Bachelor of Technology in Computer Science & Engineering

- Provisional certificate - [Link](#)
- CGPA(Cumulative Grade Point Average): 8.22

Ram Krishna Boy's High School [Cooch Behar]

Feb 2019 - Mar 2020

West Bengal Council of Higher Secondary Education

- Higher Secondary, Score – 80%

ADDITIONAL INFORMATION

- **Languages:** English (Proficient), Bengali (Fluent), Hindi (Conversational).
- **Awards/Hackathons:** GDSC (2023) [Link](#) | SBH (2023) [Link](#) | Kavach (2023) [Link](#)
- **Hobbies:** Video editing, digital drawing, and creative design using tools like Procreate, Adobe Premiere Pro, and Illustrator. [\(Work\)](#) **Robotics:** Arduino projects for task automation. **Traveling:** Trekking enthusiast. [\(Certificate\)](#) **Esports:** Competed in Kolkata Qualifiers. [\(Certificate\)](#)