

Oikantik Basu

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PROFESSIONAL SUMMARY

Applied AI/ML Analyst & Data Science Graduate with hands-on experience in machine learning, LLMs, NLP, and statistical analysis. Skilled in designing data pipelines, predictive models, and prompt engineering solutions through internships, freelancing, and academic projects. Adept at collaborating with cross-functional teams to solve complex problems using data-driven approaches.

SKILLS

- **Programming & Data:** Python (Main), Java, SQL, Pandas, NumPy, Scikit-learn
- **AI & ML:** Machine Learning, Deep Learning (TensorFlow, Keras), NLP, LLMs, Prompt Engineering
- **Data Tools:** Matplotlib, Seaborn, Tableau, Power BI, Excel, Data Pipelines
- **Cloud & Databases:** Azure, Google Cloud, MySQL, Firebase
- **Development Tools:** Jupyter, VS Code, intelliJ, Cursor, Kubernetes, REST/GraphQL
- **Soft Skills:** English, Problem-solving, Analytical Thinking, Communication, Mentoring

EXPERIENCE

Data Science Intern | Mar 2025 - Jun 2025

Unified Mentor Private Limited, Gurgaon, Haryana

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

Freelance AI/ML Data Annotator | Oct 2024 - Present

Mindrift (Present), Outlier, Alignerr

- Conducted LLM prompt-response evaluations (Hyperion V2 – Outlier AI) and (Python Visualization v2 - Alignerr) to improve AI accuracy.
- Delivered high-quality annotations using Label Studio, Prodigy, and Doccano for NLP and ML projects.
- Adapted quickly to varied client workflows and tool-specific quality guidelines.

EDUCATION

Master's in Data Science (Online MDS) | Sept 2025 - Feb 2027

University of Pittsburgh [Coursera]

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

Bachelor of Technology in Computer Science & Engineering | Oct 2020 - Jul 2024

Techno International New Town [Kolkata]

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

PROJECTS

Ecosprout - Plant Health App:

B.Tech CSE Course, Final Year Project of 2024

- UI/UX prototype in Figma and developed the mobile app in FlutterFlow.
- Integrated Firebase backend for real-time data storage, user authentication, and cloud sync.
- Engineered an optimized inference pipeline to deliver diagnostic results in <2 seconds, increasing user retention by 30%.

NOTABLE AWARDS

- Google Developer Student Clubs (**GDCS**) 2023 - [Certificate](#)
- Smart Bengal Hackathon (**SBH**) 2023 (**MENTOR**) - [Certificate](#)
- Coursera Certifications - [Link](#)
- Hobbies: Video editing, digital drawing, etc - [Work](#)
- Esports: Competed in Kolkata Qualifiers - [Link](#)