

Srestha Mondal

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EDUCATION

Maulana Abul Kalam Azad University of Technology <i>Bachelor of Technology in Computer Science Engineering CGPA: 8.0/10</i>	Kolkata, West Bengal 2021 – 2025
Lake Town Govt. Sponsored Girls' High School (WBCHSE) <i>12th Standard Grade: 70%</i>	Kolkata, West Bengal 2020 – 2021
Lake Town Govt. Sponsored Girls' High School (WBBSE) <i>10th Standard Grade: 74.57%</i>	Kolkata, West Bengal 2018 – 2019

INTERNSHIP EXPERIENCE

System Engineer Intern <i>Janus Ventures Inc.</i> <ul style="list-style-type: none">Led end-to-end user research, wireframing, and prototyping for a Parking Owner Portal to improve user experience.Created interactive low and high-fidelity prototypes and conducted usability testing to validate design decisions.Designed and implemented Excel-based dashboards to track parking occupancy, revenue, and profitability trends.Utilized SQL to extract and analyze user behavior data, enabling data-driven design improvements.	April 2024 – June 2024
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PROJECTS

Parking App Prototype UX Design <ul style="list-style-type: none">Designed a mobile-first parking app prototype using Figma.Focused on wireframing, user research, and usability testing.Enhanced storytelling with Framer and Canva for visual micro-interactions.Tools: Figma, Canva, FramerPrototype Link
Parkease Web Development <ul style="list-style-type: none">Designed an interactive prototype in Figma to ensure a smooth user experience.Implemented responsive UI using HTML, Tailwind CSS, JavaScript, and ReactJS.Built a real-time parking slot availability system using Firebase.Integrated Google Maps API for location-based discovery.Implemented user authentication via Firebase Authentication.Utilized REST APIs for real-time data sync.Tools: Figma, HTML, Tailwind CSS, JavaScript, ReactJS, Firebase, Google Maps API, REST API, VS code
Paddy Leaf Disease Detection AI/ML <ul style="list-style-type: none">Developed a CNN-based paddy disease classifier using InceptionV3 with transfer learning.Achieved 97.23% accuracy across four classes.Applied data augmentation and class weighting to improve generalization.Used LIME for model interpretability and explainable AI visualizations.Deployed real-time prediction interface using Streamlit.Tools: Python, TensorFlow, InceptionV3, Explainable AI (XAI), LIME, Streamlit, Matplotlib

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS, Bootstrap
UX/UI Design: User Research, Wireframing, Prototyping
Analytics Tools: Data Analysis, Data Modeling, Spreadsheets, Power Bi
Business Tools: Microsoft Office, Word, Excel, PowerPoint
Coursework: DBMS, OOPS (Object-Oriented Programming Systems)
Soft Skills: Analytical Thinking, Problem-Solving, Communication, Collaboration, Attention to Detail

CERTIFICATIONS

Deloitte Australia Data Analytics Job Simulation <i>Forage</i>	Issued: 2025
Google UX Design Certification <i>Coursera</i>	Issued: 2023

ACHIEVEMENTS

Product-a-thon – Innovative Project Idea (2022): Secured 4th place for conceptualizing [Walkify](#), a health and wellness mobile app.