

Dishita Barman

Associate

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EDUCATION

B.Tech, Indian Institute of Engineering Science and Technology 12/2021 – 05/2025 | Shibpur, India

- Stream = Information Technology, CGPA = **8.34** (upto 8th semester)

WORK EXPERIENCE

PricewaterhouseCoopers (PwC), Associate 07/2025 – Present | Bangalore

- Built and deployed **Workday Extend** applications leveraging **SOAP/REST APIs**, configuring data sources, mappings, and orchestration workflows within the Workday enterprise environment.
- Actively engaged with **Workday Community**, driving collaborative brainstorming and delivering data-driven, high-performance solutions across scalable enterprise systems.

Bank Of New York (BNY), Software Developer Intern 05/2024 – 07/2024 | Pune

- Built a full-stack **vendor feed portal** using **Angular and Spring Batch**, designing **RESTful APIs** for frontend-backend communication with dynamic validations, reducing processing time by **80%**
- Optimized high-volume data pipelines for scalability and delivered production-ready features through unit, integration, and performance testing following **Agile/Scrum** across the full SDLC

PROJECTS

Early Autism Detection via Self-Attention CNNs 🔗

- Developed an end-to-end deep learning pipeline for **Autism Spectrum Disorder detection from facial imagery** (2,940 images)
- Engineered a custom **CNN with a self-attention mechanism** for local and global facial feature extraction, achieving **83.67% accuracy** over a 56% baseline after benchmarking classical ML approaches (Logistic Regression, Random Forest with HOG features)
- Research accepted and published on **IEEE Xplore**

Loan Authenticator 🔗

- Built a **Bank Loan Approval Predictor** using a **Decision Tree classifier**, applying feature engineering techniques including log transformation on skewed financial fields and a derived household income feature
- Trained the model on applicant financial and demographic data, handling categorical encoding and preprocessing to predict loan eligibility with a binary approval/rejection output
- Built an interactive **Streamlit web app** for real-time predictions, handling categorical encoding and preprocessing within the inference pipeline

Jaipur Travel Website 🔗

- Designed and developed a **responsive travel website for Jaipur, Rajasthan** using **React, TypeScript, and Tailwind CSS**, featuring a Rajasthani-inspired UI with animated hero sections and smooth transitions via **Framer Motion**
- Built multi-page features including a horizontal scroll landmark carousel, day-wise travel itinerary with a **downloadable PDF guide**, and nearby destination cards with third-party booking links
- Optimized for **mobile, tablet, and desktop** with a fully responsive layout designed and prototyped in **Figma** prior to development

SKILLS

Technical Skills

- Workday Extend, Mendix
- ML Algorithms, Neural Networks, NLP Techniques
- React.js, Tailwind CSS, HTML, CSS
- Angular, Springboot, Java, Javascript
- SQL, DBMS
- Git, Github

Soft Skills

- Communication
- Logical Thinking
- Team Management
- Detail Orientation
- Adaptability and Time Management
- Result Driven and Accountable