

Srewashi Mondal

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EDUCATION

CUNY The City College of New York
Bachelor of Science in Computer Science | GPA: 3.6

New York, NY
Aug 2022 – May 2026

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Database Systems, Artificial Intelligence, Computer Organization, Machine Learning, Software Engineering, Discrete Mathematics, Linux

EXPERIENCE

Production Engineering Intern

Jun 2025 – Sep 2025
New York, NY

Meta x MLH

- **Reduced deployment time by 40%** by containerizing a Flask app with Docker, orchestrating with Kubernetes, and optimizing MySQL and caching strategies. Communicated using Outlook and Google Meets.
- **Increased system reliability by 88%** by configuring a Linux VPS on a DigitalOcean droplet, implementing CI/CD with GitHub Actions, deploying automated monitoring scripts, and writing custom automation using Shell and Bash scripting.

AI Studio Intern

Aug 2024 – May 2025
New York, NY

Meta

- **Increased bias detection accuracy to 70%** by optimizing tokenization and dataset cleaning for a fine-tuned BERT-based LLM on the Google Cloud RedditBias dataset, **reducing misclassifications** in model predictions.
- **Built a machine learning pipeline** that **improved F1-score by 25%** on 1M+ text samples.

Software Engineering Intern

Jul 2024 – Aug 2024
New York, NY

MyFiLi.com

- **Increased user engagement by 35%**, reaching **5,000+ students** across **20+ schools** by developing **5 interactive financial literacy games** using JavaScript and event-driven programming in an Agile/Scrum environment.
- Debugged and optimized front-end components for an application with microservices using **Chrome Developer Tools**, **reducing page load times by 30%** through targeted code fixes and performance tuning.

PROJECTS

Pearlyx | *TypeScript, Tailwind CSS, Python, PostgreSQL, Flask, HuggingFace, NumPy, pandas*

Mar 2025

- Achieved **90% accuracy** in early Parkinson's detection by building a GenAI-powered voice analysis tool using **TypeScript, Gemini, and HuggingFace NLP models**, recognized by **10 judges** for innovation.
- **Won Best Women in Tech Track award** at HackKnights 2025 Hackathon.

Snack-GPT | *Figma, Streamlit, Flask, PostgreSQL, Supabase, EasyOCR, REST API, Postman*

Feb 2025

- Achieved **90%+ accuracy** in ingredient extraction and reached **100+ users** by developing **Snack-GPT**, a full-stack AI-powered pantry app using **Flask and OpenAI APIs**.
- **Reduced recipe recommendation errors by 25%** by integrating GenAI for personalized meal planning, implementing unit tests, and iterating on prototypes based on user feedback.

SmartBid | *Figma, HTML, CSS, Javascript, Django, Supabase Database, SQL*

Nov 2024

- **Secured transactions for 200+ users** by leading development of a full-stack e-bidding platform with role-based authentication and compliance-driven features. Documented and tested core functionalities to ensure reliability.
- **Designed UI/UX** and implemented backend using Django and SQL, **optimizing bid placement speed by 25%**.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), TypeScript, JavaScript, HTML/CSS, Java

Frameworks: React, Next.js, Vue.js, Node.js, Django, Flask, Bootstrap, Tailwind CSS, FastAPI, Google Firebase

Developer Tools: Git, Docker, Kubernetes, Google Cloud Platform, VS Code, Visual Studio, PyCharm, REST APIs

Libraries: pandas, NumPy, Matplotlib, scikit-learn, PyTorch

LEADERSHIP

President, Association for Computing Machinery Chapter at CCNY

May 2025 – Present