Aatisha Cyrill
UX Designer | Researcher

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EDUCATION

University of Wisconsin – Madison   Madison, WI
Master of Science in Information with specialization in User Experience   September 2023 – May 2025

Sathyabama Institute of Science and Technology   Chennai, India
B. Tech, Information Technology. *CGPA 9.34/10*
- Received **Remibai Jeppiaar Merit Scholarship** for securing top rank consecutively for three years.
- Presented with the **Star of Excellence award** for involvement in various curricular and co-curricular activities.

EXPERIENCE

HashedIn By Deloitte   Bengaluru, India
Software Engineer   January 2022 – July 2023
- Developed **25+ Python FastAPI** and **SQLAlchemy APIs** to create a route profitability platform for Hawaiian Airlines, improving **data accessibility** and **analysis**.
- Formulated and configured data pipelines for Deloitte, leveraging **Spark** and **Beam frameworks** to process **over 2 million client records**, resulting in **high-quality data** for analysis and **visualization**.
- Initiated and automated **Airflow DAGs** for metadata-schema validation and SQL transformations, saving **4 hours per week** of development time and effort.
- Managed synchronization of **CloudSQL** and **BigQuery** databases across 4 environments via a **Django** application, ensuring data consistency and accessibility.
- Led a research exploration on **GCP** to reduce processing time of encrypted and compressed PGP records by **60%**, **maximizing resource utilization** through a **Dataflow-based** approach.
- Collaborated in **knowledge sharing** and training as a **track lead** and **evaluator** for 50+ college graduates, leading to recognition with **2 Spot Awards** for exceptional contributions.

DXC Technology   Bengaluru, India
Associate Professional Programmer Analyst   August 2019 – October 2021
- Engineered **10+ mission-critical** ETL pipelines on **AWS**, leveraging **Lambda**, **SNS**, **Step Functions**, and **Glue** to streamline insurance data management, vital for company's operational success.
- Modeled database architecture design, increasing data retrieval and storage by 2 times for AIA's **data extraction systems**.
- Managed and configured **SQL** and **NoSQL databases** across 2 regions to ensure data integrity and accessibility.
- Migrated critical legacy Informatica data workflows to AWS, displaying **adaptability and scalability** by **1.5 times**.
- Curated a **.Net application**, replacing traditional access methods with a **user-friendly QR** code pass system for upgraded security in office premises, predicted to drop **30% of unauthorized access**.

CERTIFICATIONS

- Introduction to User Experience Design by **Georgia Institute of Technology**, Coursera   July 2022

PROJECTS

Web Portfolio   November 2022 – December 2022
- Crafted a sleek and **user-friendly** website from scratch using HTML, CSS, and JS, focusing on concept and design.
- Automated website building and deployment to GitHub Pages using GitHub Actions.

Literati Women   October 2022 – November 2022
- Self-exploration project to discover process of **design** and user interfaces through **branding** and **mood boards**.
- Designed **idea mapping**, **wireframes,** and logo for web platform for women writers with Visily and Adobe Express.

Online Assessment and Evaluation Platform in Education System   January 2019 – March 2019
- Devised a **Java Spring Boot** and **Angular-based** web platform featuring an online compiler and forum to support students' coding skills, reducing faculty's effort in **performance analysis by 40%**.
- Built **user-centric** and interactive code editor and chatbot to enhance **user experience** for students and faculty.

TECHNICAL SKILLS

Design & Research: Figma, WordPress, Photoshop, Visily, Adobe Express, User Interviews, Journey Mapping, FigGPT, Data Analysis: Quantitative & Qualitative, User Story, Persona
Languages/ Frameworks: HTML, CSS, JavaScript, Python, Java, SQL, NoSQL, Apache Beam, Apache Airflow, Apache Spark
Tools: AWS, GCP, Informatica, Git, Jira, Agile, ChatGPT