

## AATISHA CYRILL

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### OBJECTIVE:

To pursue graduate studies in Human-Computer Interaction to later work as a UI/UX designer, using technology to serve the best for all communities of people and improve their lives.

### ACADEMIC QUALIFICATION:

**Bachelor of Technology in Information Technology**

**Jul 2015 - Jul 2019**

Sathyabama Institute of Science and Technology (SIST), Chennai, CGPA: 9.34/10

### ACADEMIC PROJECTS:

**Online Assessment and Evaluation Platform in Education System, SIST, Chennai**

**Jan - Mar 2019**

#### Project Summary:

- Independently designed a Java Spring Boot and Angular-based web platform with an online compiler, chatbot, and forum to help students improve their coding skills and aid the faculty in the performance analysis

**Tender Management Web Application (CTS Student Club), SIST, Chennai**

**Apr - Jun 2018**

**Team Size:** Ten

**Role:** Team Lead/Developer

#### Project Summary:

- Built a web application with PHP, Javascript, SQL, HTML, CSS, and Bootstrap to manage tenders for pharmaceutical products between manufacturers and hospitals to reduce manual effort

**Plant Health Monitoring System, SIST, Chennai**

**May - Jul 2018**

**Team Size:** Two

**Role:** Team Lead/Developer

#### Project Summary:

- Developed an IoT-based monitoring system embedded with Arduino UNO, LM35, and YL-58+YL-69 sensors to check plants' health status by measuring conditions like temperature, soil moisture, and humidity

### PROFESSIONAL EXPERIENCE:

**Software Engineer at HashedIn by Deloitte, Bangalore**

**Jan 2022 - Present**

**Role/Project:** Data Engineer (Google Cloud Platform)/Insights IQ

- Design fully automated, reusable, cloud-based, end-to-end data pipelines that leverage tech stacks like python, GCP services (Cloud Functions, BigQuery, Cloud SQL, Composer, Dataflow), and Apache Airflow DAGs for Deloitte clients
- Devise and implement config schemas as per business use cases and requirements
- Document the technical, functional, and runbook documents for the data pipelines
- Work consistently with the QA and DevOps teams on testing and deployment processes
- Assessed freshers as track helper and project evaluator in Talend and Data Studio under ETL specialization
- Received the Spot Award for outstanding performance in IIQ pod in terms of excellent delivery and ownership

**Associate Professional Programmer Analyst at DXC Technology, Bangalore**

**Mar 2020 - Oct 2021**

**Role/Project:** Data Engineer (Amazon Web Services)/AIA

- Built ETL pipelines for an insurance company with AWS cloud services (Lambda, SNS, Step functions, IAM, S3, Glue, CloudWatch, Triggers) to create data lake extracts
- Worked on architectural design and requirement gathering for the entire system of AIA
- Managed and configured both SQL and NoSQL (MongoDB) databases
- Trained resources for on-floor boarding into the project team

**Role/Project:** ETL Developer (Informatica Cloud)/Saybrus (Nassau Phoenix)

- Developed multiple Informatica jobs and worked consistently with 10+ clients
- Provided support and monitoring for critical pipelines while working with cross-functional teams
- Worked on multiple service requests (SRs) to attain maximum pipeline efficiency
- Completed a POC to shift Informatica jobs to the AWS cloud using Glue services

**Role/Project:** ETL Developer (IBM DataStage)/Nassau Phoenix Life

- Developed and enhanced IBM Datastage end-to-end pipelines for multiple clients
- Worked along with the team in the migration phase of on-premise Datastage services to AWS cloud
- Resolved live production errors (upstream/downstream), ensuring all service line agreements

**Svc Info Developer at DXC Technology, Bangalore, India****Aug 2019 - Feb 2020**

- Developed a .NET application with an MVC framework to generate a QR code to authenticate visitors' passes for office premises
- Worked on use cases like automating the backup process from an SQL database to BLOB storage daily using Azure's managed identity
- Underwent regress training on .NET, Angular, Python, and Azure cloud

**INTERNSHIP:****Software Engineer (Intern) at Cognizant, Chennai, India****Jan - Apr 2019**

- Developed an in-house application to raise, maintain and resolve issues for employees in the form of tickets
- Received on-floor training on Advanced Java and Agile Methodologies

**CERTIFICATIONS:**

- Introduction to User Experience Design by Georgia Institute of Technology, [Coursera](#) Jul 2022
- The Complete Hands-On Introduction to Apache Airflow, [Udemy](#) Feb 2022
- AWS Fundamentals: Going Cloud-Native, [Coursera](#) Aug 2020
- Fundamentals of Machine Learning, IIT Kharagpur, NPTEL Sep 2017
- WDPIN Java IoT Developer, Oracle University (Online) May 2017
- IBM CE – Software Foundation (Advanced) Course with C++ Programming Sep 2016

**RESEARCH PAPERS/PUBLICATIONS:**

- 2019, [Online Programming Assessment and Evaluation Platform in Education System](#), IRJET Volume 06, Issue 3, SIST, Chennai
- 2018, Plant Health Monitoring System, IEEE conference, Silicon, SIST, Chennai
- 2017, [Text Reader for Blind](#), National Conference on Emerging Trends in VLSI, Embedded and Nano Technologies, IJPAM, Volume 117, No. 21, SIST, Chennai

**TECHNICAL SKILLS:**

- **Languages:** Python (3 yrs), Java (2 yrs), and C++ (1 yr)
- **Frameworks:** Apache Beam (1 yr), Apache Airflow (1yr), and Apache Spark (2 yrs)
- **Cloud Services:** AWS (2 yrs), GCP (1 yr), and Informatica (2 yrs)
- **Database:** SQL (3 yrs) and NoSQL (2 yrs)
- **Others:** Git (3 yrs), Agile (3 yrs), PhotoShop (1 yr), and IBM DataStage (2 yrs)

**AWARDS/ACHIEVEMENTS:**

- Star of Excellence Award for exceptional performance in academics and co-curricular activities, SIST, Chennai Apr 2019
- Remibai Jeppiaar Merit Scholarship for securing the second rank in the department of Information Technology during undergraduate studies, SIST, Chennai 2016 - 2018
- 1st position in Cryptic Minds in Silicon 2K18 organized by IEEE Club, SIST, Chennai Mar 2018
- 2nd position in Design Sprint in Tech Fiesta Symposium, SIST, Chennai Jun 2017
- 2nd position in the Code Quest Contest organized by the CSI Club, Sathyabama University Apr 2017
- 2nd position in the Designing Workshop cum Competition organized by the CSI Club, SIST, Chennai Aug 2016

**EXTRACURRICULAR ACTIVITIES:**

- Host, Annual Cultural Fest, SIST, Chennai Feb 2018
- Internshala Student Partner, SIST, Chennai Mar - Aug 2017
- Book Cover Designer (University Curriculum Textbooks), SIST, Chennai Feb 2017
- Member, Computer Society of India (CSI), Chennai 2015 - 2018
- Participant, Terry Fox Run in an effort to find a cure for cancer, IIT Madras Aug 2015

**LEADERSHIP ROLES:****IT Team Lead, Cognizant Students' Club, SIST, Chennai****Mar -Dec 2018**

- Led a team of 10 and secured the first position across Chennai in inter-college technical and non-technical competitions like developing apps, group discussions, and [blog writing](#)

**COMMUNITY INVOLVEMENT:****Contributor, SankalpTaru, Online****Jan 2022 - Present**

- Plant trees in different parts of India every month to conserve the environment for a sustainable future

**LANGUAGES KNOWN:**

- English (proficient), Hindi (native)