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
- 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 (Nassaure 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)/Nassaure 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: Text-to-Speech, National Conference on Emerging Trends in VLSI, Embedded and Nano Technologies, IJPAM, Special Issue, 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)