Ami Chauhan

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering **GPA: 3.6/4.00**
Master of Science in Computer Science *May 2023*
Pune University, India **GPA: 3.5/4.00**
Bachelor of Engineering in Electronics and Telecommunication *May 2017*

SKILLS

Languages: Python, C, C++, Java, HTML, CSS, SQL,XML, JavaScript
Tools and Technologies: Eclipse, Linux, Windows, IDLE, Postman, JIRA, Selenium, Firebase, Confluence, Git, SDLC, Agile, Waterfall, REST API, MongoDB, Microsoft Office (Excel, Word, Project and PowerPoint),AWS Services(S3, Lambda, API Gateway, DynamoDB, etc)

PROFESSIONAL EXPERIENCE

ITS 2 Programming, NYS Office of ITS | Albany, New York, United States **Aug 2023 - July 2024**
- Java Development in Spring framework and Custom Frameworks designed for NYS Tax applications
- Developed, built, and tested Java EE applications with experience in JDBC, JSP, and XML
- Utilize DB2,Git,WebSphere Application Server and other IBM development tools.
- Write queries in SQL to integrate with java applications

Teaching Instructor (Volunteer), Girls Who Code | Binghamton, New York, United States **Aug 2021- May 2023**
- Organizing coding camp events and Teaching Over 50 Middle School Students Python development Class
- Plan and implement instruction that encompasses learning strategies or activities centered on STEM and programming specifics
- Encourage students to participate in coding competitions or elective courses when offered at the higher grade school levels

Software Engineer QA, Tejora Technologies | Mumbai, India **Dec 2020 - July 2021**
- Implemented Test Cases for different workflows in the Insurance domain (ICICI Bank Client)
- Performed functional, Regression, and Usability testing for CRM Application
- Worked collaboratively with test teams during the product test and UAT phases to fix assigned bugs
- Strong Analytical and Problem-solving skills (Troubleshooting/debugging Software)

Intern, 90 Miles Straight | Mumbai, India **June 2020 - Nov 2020**
- Implemented Integration Testing between Mobile (GPS Tracking) and Web (Supply Chain Management System)
- Enhancement and fixing of bugs for website and mobile application UI using HTML5/CSS, Javascript,XML,Node.js
- Tracking and updating progress through Git (branching, merging, rebasing) and Confluence
- Support code deployment of Website on Google Firebase (GCP)
- Fixing of the Docker pipeline (CI/CD) for Java applications.

Project Management Intern, Experience Commerce | Mumbai, India **Feb 2020 - May 2020**
- Liaise with developers and the QA team to fulfill the Project requirements.
- Review software requirements and identify gaps in software implementations
- Coordinate internal resources and clients for the flawless execution of multiple projects
- Implemented data analysis with Advanced Excel and SQL knowledge to generate reports.

Jr Software Quality Analyst, Sociosquares | Mumbai, India **Dec 2017 - Jun 2019**
- Wrote and executed SQL queries for test validation
- Designed, created, and implemented automated software test cases for Web, Android, and IOS applications.
- Verified and tested responsive web application and RESTful APIs endpoints through Postman (API Testing)
- Experience in UI testing using HTML,CSS,Javascript, WebElement

PROJECTS

Photo ID Validator AWS Architecture | Binghamton, NY **May 2023**
- Built a Full Stack Photo ID Validator app to verify if a picture uploaded by the user is valid for a Photo ID or not.
- Used S3 Bucket to host the AWS application and React JS, HTML/CSS to build frontend
- Used Python with Lambda function, API Gateway, and AWS Rekognition to build REST API for picture validation
- Created Tables in DynamoDB to store pictures uploaded by the user

Social Media Data Science Pipeline | Binghamton, NY **Nov 2022**
- Built a Full Stack interactive dashboard to visualize tweets, and comments about abortion and it's effect on elections.
- Used Python for fetching data from social media sites such as Twitter, Reddit and YouTube APIs.
- Used MongoDB to store comments and Flask to develop the interactive dashboard.
- Performed analysis on the comments to get relevant data about the affect of abortion on elections.

Student Registration System | Binghamton, NY **May 2022**
- Built database architecture to support a typical Student Registration System in a university
- Used Oracle's PL/SQL and JDBC for the database system
- Created several procedures inside a package in order to manipulate the data according to the required functionality.
- Implemented triggers in order to keep a check on any inserts/ deletes and updates of the tables