Chahat Ajmera

☎ +1 (352) 888-3411   ♦ United States   @ ajmerachahat05@gmail.com   in chahat-ajmera   ⓞ Chahat05

EXPERIENCE

CitiusTech Inc   United States
Software Engineer   August 2023 - Present
• Automated and executed data migration from **IBM IIAS** to **Netezza (NPS)** using batch scripts and data tools, reducing manual effort by **60%** while maintaining complete data integrity.
• Supported the transition from on-premises storage to **AWS FSx**, collaborating with infrastructure teams to design automated file transfer workflows, improving access speed by **40%**.
• Built and deployed an automated **reconciliation framework** to validate data consistency between IIAS and Netezza post-migration, reducing manual verification time by **75%** and eliminating discrepancies.
• Implemented robust **ETL job monitoring** and automated alerting for **IBM Datastage/SQL** processes managing over **5TB** of data monthly, improving pipeline reliability and issue response times.
• Streamlined **audit and compliance documentation** by automating validation reports, cutting audit preparation time by **80%** and supporting regulatory adherence.
• Partnered with QA, analytics, and business teams to test and validate data migrations, resolving data quality issues and supporting seamless business operations.

Presbyterian Healthcare Services   United States
Software Engineer Intern   June 2022 - August 2022
• Developed **automation scripts** to streamline data import, transformation, and validation workflows, reducing processing time for critical datasets by **30%** and minimizing manual intervention.
• Engineered a reporting pipeline and self-service dashboards in **Tableau** for operational teams, optimizing retrieval and visualization of key business metrics and decreasing report turnaround time by **40%**.
• Refactored legacy **data processing code**, eliminating redundancies and increasing pipeline performance by **10%**, while ensuring higher consistency and reliability across scheduled jobs.
• Worked alongside engineering and business stakeholders to deploy **automation features**, troubleshoot data delivery bugs, and enhance reliability of project deliverables.

CitiusTech Healthcare Technology Private Limited   India
Software Engineer   January 2020 - December 2020
• Designed and implemented **RESTful APIs** using **SpringBoot** to process and validate over **10 million** user inputs, enabling scalable and reliable backend services.
• Engineered automated testing workflows for **5,000+ HTTP requests** with **Postman**, improving API reliability and accelerating bug detection in the **ElasticSearch** integration pipeline.
• Developed optimized, scalable **SQL queries** for financial reporting features, increasing data retrieval speeds by **28%** and powering analytics dashboards.
• Built and deployed automated data collection tools using **Docker containers**, streamlining workflows for a development team of **10+** and minimizing manual overhead.
• Created and maintained detailed **UML diagrams** and technical documentation using **Visio**, supporting Agile collaboration and technical alignment across teams.

SKILLS

• **Programming Languages**: Java, Python, C++, JavaScript, TypeScript, SQL, Go
• **Web Technologies & Frameworks**: HTML5, CSS3, React, Angular, Bootstrap, Node.js, Spring Boot
• **Cloud & DevOps**: AWS (EC2, Lambda, S3, DynamoDB, RDS), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions, AWS CodePipeline)
• **Databases**: MySQL, PostgreSQL, MS SQL Server, MongoDB, Netezza, IBM IIAS, Snowflake (SnowPro Core Certified)
• **Testing & Tools**: JUnit, pytest, Postman, GitHub, Git, Jira, Tableau, PowerBI, IBM Datastage, Aginity Workbench, SAS

EDUCATION

University of Florida   Gainesville, FL
Masters of Science: Computer Science (GPA: 3.8/4.0)   August 2021 - May 2023

Christ University   Bangalore, India
Bachelor of Computer Applications (GPA: 3.7/4.0)   June 2016 - May 2019
• Teaching experience: Introduction to Programming, Probability for CS