Vishal Chaurasia

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SKILLS

Programming Languages: Java, Python, JavaScript, HTML5
Frameworks: NodeJS, Spring Boot, Hibernate, Junit, Mockito, React, Angular 12,
Tools/Services: AWS CloudFormation, Jenkins, Docker, AWS Serverless Lambda, Git, Bitbucket, Postman, Sonar
Database: Dynamo DB, MongoDB, MySQL Server, PostgreSQL

EXPERIENCE

Software Development Engineer I, Experian   Apr. 2023 – Present
- Engineered cloud migration modules to modernize legacy systems, specializing in pre-processing and standardizing consumer credit data from various vendors for efficient updates.
- Catalyzed development of precise and reliable data pre-processing batch application, with primary focus on report and output file generation while addressing data inconsistency issues. Leading to heightened accuracy and near real-time data processing.
- Referenced COBOL code for legacy system understanding, replicating logic for efficient cloud migration.

Software Development Engineer I, Cummins Inc.   Feb. 2023 – Apr. 2023
- Engineered a Batch Processing Application for data ingestion using Python to pull monitoring data from AWS S3, pre-process, & write data based on business logic optimizing data handling & enhanced data integrity.
- Built AWS CloudFormation script for resource provisioning & application deployment, streamlining deployment process, enabling rapid scaling & infrastructure management.

Software Development Engineer I Intern, Cummins Inc.   May. 2022 – Aug. 2022
- Built an internal end-to-end web application with React, Node.js & DynamoDB, allowing seamless integration & payload validation, facilitating easy & real-time information sharing, cutting down dependency on teams by 30%.

Senior Engineer (Full Stack), Mindtree Ltd.   Feb. 2018 – Aug. 2021
- Devised Low Code framework automating project setup & boilerplate code generation, decreasing development time by 20%.
- Spearheaded implementation of an end-to-end CI/CD flow, utilizing Terraform scripts for automated resource provisioning, resulting in decreasing application deployment time & reduced project delivery timeline by 10%.
- Explored and recommended frameworks/libraries based on client requirements. Created architecture designs and implemented an MVP using Java, Python, Angular 2+, and MongoDB, resulting in a robust and scalable solution.
- Mentored and coached junior team members, providing guidance on technical aspects, best practices, and project execution. Contributing to professional growth and skill enhancement of team members.

PROJECTS

Data Prep   Java, Spring Boot, Scala, Shell Script
Batch Application for Pre-Processing Consumer Credit Data   *Apr. 2023 - Present*
- Addressed gaps in report generation by developing a script for comparing reports, ensuring data consistency.
- Resolved inconsistencies in trade output records, improving accuracy and data processing flow.
- Created services for vendor-specific pre-processing, optimizing handling of vendor-reported data.
- Implemented modules for de-duplicating trade output records, improving accuracy of the final record set.

CDO API Management Portal   React, NodeJS, AWS Lambda, AWS CloudFormation
An end-to-end API Management Platform.   *May. 2022 - Aug. 2022*
- Crafted & Rolled Out payload validation flow, ensuring data integrity and compliance with the API Spec. Reducing errors by 60%, contributing to a smoother integration process across different applications.
- Developed Restful APIs for data validation accessing cross-account data on AWS, integrated token-based session management & Azure AD authentication enhancing operational efficiency, and enhanced security.
- Played a pivotal role in integrating AWS CodeCommit API, streamlining documentation and version control processes, cutting down overall documentation efforts required by 50%.

EDUCATION

University at Buffalo, The State University of New York   Buffalo, New York
Master's in Computer Science & Engineering   *2021-2022*

Dr. A.P.J. Abdul Kalam Technical University   Lucknow, India
Bachelor of Technology in Computer Science & Engineering   *2013-2017*