

# Vishal Chaurasia

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## CAREER SUMMARY

Software Developer with 4+ years of experience in designing, developing, and delivering innovative end-to-end applications across diverse domains, including FinTech, Manufacturing, Travel, and more. Skilled in all phases of the software development life cycle, from design and implementation to testing and deployment. Proven ability to collaborate effectively with cross-functional teams and leverage a wide range of technologies to achieve business objectives.

## SKILLS

**Programming Languages:** Java, Python, JavaScript, HTML5

**Frameworks:** React, Angular 12, NodeJS, Spring Boot, Hibernate, Junit, Mockito

**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 enhancing report and output file generation while addressing data inconsistency issues. Leading to heightened accuracy and near real-time data processing.

### Software Development Engineer I, Cummins Inc.

Feb. 2023 – Apr. 2023

- Engineered a Batch Processing Application for data ingestion using Python to pull, 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 & improved 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

### CP Sync

Python, AWS Cloudwatch Events, AWS CloudFormation

*Serverless Batch Application for Data Ingestion*

Feb. 2023 - Apr. 2023 (Cummins Inc.)

- Designed & implemented a multi-threaded approach within the ECS task for efficient processing in a single invocation, cutting down overheads.
- Conducted comprehensive unit testing to ensure functionality and reliability, achieving a code coverage of 80%.

### CDO API Management Portal

React, NodeJS, AWS Lambda, AWS CloudFormation

*An end-to-end API Management Platform.*

May. 2022 - Aug. 2022 (Cummins Inc.)

- 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.
- Played a pivotal role in integrating AWS CodeCommit API, streamlining documentation and version control processes, reducing overall documentation efforts 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