

Vishal Chaurasia

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EDUCATION

University at Buffalo, The State University of New York

Buffalo, NY

Master's Computer Science & Engineering; GPA: 3.39/4.0

Aug. 2021 – Dec. 2022

Courses :Design and Analysis of Algorithm, Information Retrieval, Distributed Systems, NLP

Dr. A.P.J. Abdul Kalam Technical University

Lucknow, India

Bachelor of Technology in Computer Science & Engineering; 71%

Aug. 2013 – June. 2017

Courses :Data Structures, Software Engineering, Cryptography

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Typescript, HTML, CSS

Frameworks: React, Angular 2+, Node.js, Spring Boot

Tools/Services: AWS CloudFormation, Terraform, Jenkins, Docker, AWS Lambda, Git, Postman, JIRA

Database: Dynamo DB, MongoDB, MySQL Server, PostgreSQL

RELEVANT EXPERIENCE

Cummins Inc.

Columbus, Indiana

Software Developer Engineer I – Intern

May. 2022 – Aug. 2022

- Conceptualized API Spec. Mapping & Payload validation workflows.
- Designed pluggable UI modules to facilitate code re-usability.
- Performed unit testing using jest & delivered modules with at least 75% code coverage.
- Collaborated with 2 other interns to deliver an end-to-end API Management Portal; Reducing API documentation time by 50%.

Mindtree Ltd.

Bengaluru, India

Senior Engineer

Feb. 2018 – Aug. 2021

- Analyzed new platforms/frameworks & devised MVPs based on client requirements.
- Brainstormed about design, mentored recent hires & participated in Agile ceremonies.
- Collaborated with application owners, & client managers for functionality clarification, bug resolution & architecture design.
- Awarded top performer of year 2021 & Outstanding performer of year 2019.
- Slashed deployment time by 50% by automating resource provisioning & application deployment on Azure Cloud.

PROJECTS

CDO API Management Portal

React, Node.js, AWS Lambda, AWS CloudFormation

An end-to-end API Management Platform.

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

- Undertook end-to-end design development of API spec. update from single source.
- Developed & deployed Lambda function to perform cross-account operations on AWS Cloud.
- Created CloudFormation templates & scripts for client-side deployment on AWS using CloudFront.
- Built admin portal to enable API mapping & participated with team members on payload validation lambda.
- Integrated with existing application for token based session management & Azure AD based authentication.

Omnipro

AWS Connect, Angular, Typescript, Node

Single-page application streamlining customer contact center operations & monitoring.

Jan. 2021 - Aug. 2021(Mindtree Ltd.)

- Developed custom UI modules for receive/hold calls & warm/cold transfer.
- Resolved client-side bugs related to ConnectSDK with low turn-around time.
- Implemented modules for cross-application communication & determining call queue wait time.

Low Code Framework

Spring Boot, Jenkins, Docker, Terraform, Angular

Framework for automating project, network config. & boilerplate code generation.

Oct. 2020 - Dec. 2020(Mindtree Ltd.)

- Spearheaded a team of 2 junior developers for Angular UI & Spring Boot backend API implementation.
- Created module to generate boiler plate java code based on user's selection.
- Reduced development time by 30% by automating package creations, project directory setup, & boilerplate code generation.