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

Dr. A.P.J. Abdul Kalam Technical University Lucknow, India
Bachelor of Technology in Computer Science & Engineering *Aug. 2013 – June. 2017*
   Courses :Data Structures, Software Engineering, Cryptography

RELEVANT EXPERIENCE

Cummins Inc. Columbus, Indiana
Software Developer Engineer I – Intern *May. 2022 – Aug. 2022*
- Teamed with 2 other developers to build & deliver an end-to-end API Management Portal.
- Collaborated across different teams on client-side modules, bug resolution & architecture discussions.
- Conceptualized API Spec. Mapping & Payload validation workflows.
- Identified bottleneck processes & suggested changes to streamline process.

Mindtree Ltd. Bengaluru, India
Senior Engineer *Feb. 2018 – Aug. 2021*
- Researched new platforms/frameworks & devised MVPs to be pitched to prospective clients.
- Brainstormed about design, trained recent hires & participated in Agile ceremonies.
- Improved reconciliation time by resolving bottleneck state utilization process.
- Awarded top performer of year 2021 & Outstanding performer of year 2019.
- Slashed deployment time by 50% across two projects by automating resource provisioning & application deployment.

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.)*
- 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 & collaborated with team members on payload validation lambda.
- Coordinated with build spec. formation & test environment setup.

Omnipro AWS Connect, Angular, Node.js
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
Framework for automating project, network config. & boilerplate code generation. *Oct. 2020 - Dec. 2020(Mindtree Ltd.)*
- Spearheaded a team of 2 junior developers for UI & Backend implementation.
- Created back-end API to generate boiler plate code based on user's selection.
- Reduced development time by 30% by automating bottleneck code generation.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML, CSS

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

Tools/Services: AWS CloudFormation, Terraform, Jenkins, Docker

Database: Dynamo DB, MongoDB, MySQL Server, PostgreSQL