

# Vrushali More

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## EDUCATION

### Binghamton University, State University of New York

Master of Science in Computer Science | CGPA: 3.73/4

Jan 2023 - May 2024

**Courses:** Data Structures and Algorithms, Design Patterns, Operating Systems, Cloud Computing, Artificial Intelligence, Social Media Data Science Pipeline, Software Engineering and Project Management

### Savitribai Phule Pune University, India

Master of Engineering in Information Technology | CGPA: 9.29/10

Sep 2019 - May 2021

### Savitribai Phule Pune University, India

Bachelor of Engineering in Computer Science | CGPA: 7.26/10

Aug 2016 - May 2019

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, C, C++

**Software & Frameworks:** Java Spring Boot, REST, Angular, TensorFlow, React JS, NodeJS, HTML5, PHP, CSS

**Cloud Technologies and DevOps Tools:** AWS (EC2, S3, ECS, EBS, EKS, RDS, Lambda), Google Cloud Platform (Compute Engine, Load Balancer, GCP Buckets), Docker, Azure, Kubernetes

**Databases:** SQL, MongoDB, NoSQL, Postgres, Oracle

**Others:** Apache-Kafka, Tableau, Jira, Git, Junit, Jenkins, Agile, Postman, MS Office, Eclipse, Visual Studio, IntelliJ, Linux, UNIX

## WORK EXPERIENCE

### Critical River | Software Developer | Pleasanton, California

Nov 2023 – April 2024

- Developed multiple core services for a lending application using Java, enhancing the operational efficiency and functionality of a leading Australian bank's internal systems.
- Created and optimized RESTful APIs to facilitate seamless data exchange between the User Access and Role Management service and external systems, improving system reliability by 25% and ensuring secure, efficient communication.
- Designed and implemented a CI/CD pipeline to automate test execution, deployment of AWS cloud resources, and archival of test results in AWS S3 storage, reducing deployment times by 40% and increasing overall efficiency.
- Developed a comprehensive testing framework using JUnit for end-to-end validation of microservice APIs.

### Infosys | Senior Systems Engineer | Pune, India

Sept 2020 – June 2022

- Developed end-to-end application service using Microservices, Java, Spring Boot and Angular.
- Developed 20+ services for a Healthcare Platform, learned QA/PT/UAT deployment in various environment.
- Collaborated with cross-functional teams to design and implement CI/CD pipelines and developed REST APIs.
- Completed a certification in Agile methodologies, resulting in a 25% increase in project delivery speed.
- Utilized Kubernetes for containerizing applications, improving scalability and simplifying deployment process.
- Worked cross-functionally with test teams and developers, enhancing testing infrastructure, integrating new tools and bug fixes.

### TomTom | Software Developer | Pune, India

Jan 2019 – Aug 2019

- Designed and developed high-quality software solutions, contributing to the delivery of innovative map products.
- Prepared a detailed reporting form based on collected data, tailored to client requirements, streamlining collection and analysis.
- Troubleshoot and resolved complex issues, providing timely support to maintain operational efficiency and minimize downtime.

## PROJECT EXPERIENCE

### Aspect-based Sentiment Analysis of Movie Reviews ([Project Link](#))

- Collected real time data from Reddit and TMDB APIs and stored it in MongoDB for analysis.
- Predicted Future movies popularity based on key factors, determined positive negative hypes for them on reddit, and extracted most popular phrases for each movie with each subreddit.

### Home Automation through IoT using Cloud Services ([Project Link](#))

- Developed a home automation device through IoT using Google Cloud Services, a Flask web server, hosted the website on GCP and integrated Firebase Realtime Database for user commands and various GCP services.

### Credit Card Fraud Detection Using Machine Learning ([Project Link](#))

- Detection of fraud and non-fraud transactions using supervised and unsupervised machine learning algorithms.
- Collection, classification done on the dataset and results are concluded based on the best approach in terms of accuracy.

### Inventory Management Application ([Project Link](#))

- Pantry Inventory Tracker that allows users to keep track of their pantry items, including the item name and price.
- The frontend is built using Next.js, and the backend utilizes Firebase for the database.

## PUBLICATIONS

- [Credit Card Fraud Detection Using Machine Learning](#) - Detection of fraud and non-fraud transactions using Machine Learning.
- [Energy Clone Detection](#) - The Energy-Efficient Distributed Star Based Clone Detection (ESCD) protocol is a network region, of wireless sensor nodes randomly distributed in the network which detects the clone. Paper ID - IJETIR1903856