# Vrushali More

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## EDUCATION

**Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science**
*Master of Science in Computer Science* | **CGPA: 3.73/4.00**                                                  *May 2024*
**Courses:** Data Structures and Algorithms, Design Patterns, Operating Systems, Cloud Computing, Programming Languages, Artificial Intelligence, Computer Architecture and Organization, Social Media Data Science Pipeline

**Savitribai Phule Pune University, India**
*Master of Engineering in Information Technology* | **CGPA: 9.29/10.00**                               *May 2021*

**Savitribai Phule Pune University, India**
*Bachelor of Engineering in Computer Science* | **CGPA: 7.26/10.00**                                     *May 2019*

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, C, C++
**Databases:** SQL, MongoDB, MySQL, NoSQL
**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
**Others**: Apache-Kafka, Tableau, Jira, Git, Junit, Agile, MS Office, Visual Studio, IntelliJ, Linux, UNIX

## WORK EXPERIENCE

**Infosys, Senior Systems Engineer |** Pune, India                                               *Sept 2021 – 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 continuous integration and deployment (CI/CD) pipelines while developing REST APIs using the Spring Boot and Java.
- Worked cross functionally with test team members and developers enhancing testing infrastructure and integrating new tools.
- Completed a certification in Agile methodologies which was implemented in the team, resulting in a 25% increase in project delivery speed.

**Infosys, Systems Engineer** | Mysore, India                                                       *Sept 2020 – Sept 2021*
- Gained knowledge of Java Spring Boot and Microservices through stream training in Java, Python, and Angular, and developed an E-kart application using Python.
- Utilized Kubernetes for containerizing applications, worked with CI/CD Pipeline and Microservices architecture, improving scalability and simplifying deployment process.
- Worked cross-functionally with test teams and developers, enhancing testing infrastructure, integrating new tools and bug fixes.

## PROJECT EXPERIENCE

**Aspect-based Sentiment Analysis of Movie Reviews |** Binghamton, NY                    *Aug 2023–Dec 2023*
- 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.

**Asynchronous Pipeline Execution (APEX) system simulator, C Programmer |** Binghamton, NY       *Aug 2023–Dec 2023*
- Implemented a simulator for an Out-of-Order Processor implementing an APEX-like ISA with an issue queue, a load-store queue, and a reorder buffer that uses register renaming.

**Home Automation through IoT using Cloud Services |** Binghamton, NY                     *Jan 2023–May 2023*
- Developed a Home Automation Device through IoT using Google Cloud Services, Flask Webserver and Hosted the Website using Google Cloud Platform.
- Used Firebase Realtime Database to store and retrieve the user input commands to operate the device.
- Successfully integrated various Google Cloud Platform services like GCP Compute Engine, GCP buckets, GCP Load Balancer

**Credit Card Fraud Detection Using Machine Learning, Python Programming |** Pune, India       *Aug 2020–May 2021*
- Detection of fraud and non-fraud transactions using supervised and unsupervised machine learning algorithms.
- Collection and classification done on the dataset using machine learning techniques.
- Collective results are concluded based on the best approach in terms of accuracy provided by the algorithms.

## PUBLICATIONS

- Credit Card Fraud Detection Using Machine Learning - Detection of fraud and non-fraud transactions using Machine Learning techniques.
- 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