

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, NoSQL, Postgres

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, 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 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 CI/CD pipelines and developed REST APIs.
- Worked cross functionally with test team members and developers enhancing testing infrastructure and integrating new tools.
- Completed a certification in Agile methodologies, 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.

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 | 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.

Home Automation through IoT using Cloud Services | Binghamton, NY

Jan 2023–May 2023

- Developed a home automation device through IoT using Google Cloud Services, a Flask web server, and hosted the website on GCP. Integrated Firebase Realtime Database for user commands and various GCP services, including Compute Engine, buckets, and Load Balancer.

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