

# VEDANT VENKATESH YELSANGIKAR

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## EDUCATION

**George Mason University - Master of Science in Computer Science. GPA: 3.67/4** MAY 2024

*Relevant Coursework: Distributed Systems, Analysis of Algorithms, DevOps, Machine Learning, AWS.*

**JSS Academy of Education - Bachelor of Engineering in Computer Science. GPA: 3.2/4** AUG 2020

*Relevant Coursework: Database Management, Web Development, Data Structures, Operating Systems, UI/UX.*

## SKILLS

- **Languages:** Java, Core Java, Python, JavaScript, TypeScript, Kotlin, C, JSP.
- **System Design:** High-Level Design, Distributed Systems.
- **Frameworks:** Angular, ReactJs, Spring MVC, Spring-Boot, Mockito, Figma, Adobe XD, Flutter.
- **Databases:** Oracle SQL, SQL Server, PostgreSQL, MySQL, No-SQL, MongoDB.
- **Other:** AWS-S3, EC2, API-Gateway, Docker, CRM SDK, Kubernetes, Git, Jenkins, Kafka, API Gateway, Ansible.

## EXPERIENCE

**FIFTH THIRD BANK(ON CONTRACT VIA SLKA) | Full Stack Developer** AUG 2024 - Present

- Owning multiple features from PO-concept to delivery, leveraging **Angular** and **Kotlin** to design and develop user-centric functionalities, ensuring seamless performance and accessibility for a diverse user base.
- Continuously designing and developing custom **APIs** for **CRUD** operations using **Kotlin** and **Spring Boot**, ensuring scalability, reliability, and seamless integration with front-end systems.
- Taking ownership of **Kafka cluster management** and **topic configuration**, ensuring efficient and reliable message delivery from our applications to cross-functional teams.

**SPIRENT COMMUNICATIONS | Automation Intern** JUN 2024 - AUG 2024

- Designed and Implemented **5G and 4G LTE Network automation testbeds**. Emulated and reproduced network components and configurations for comprehensive end-to-end testing.
- Utilized **Python** and **Tcl** scripts for extensive **network function automation**, ensuring adherence to capacity and performance testing standards, leading to a reduction in testing time and an increase in overall network reliability.

**ACCENTURE TECHNOLOGIES | Associate Application Developer** JAN 2021 – JUL 2022

- Developed and implemented healthcare-related Govt. software with a strong focus on enhancing functionality and resolving customer medicare issues. Utilized **Spring Boot** to Implement a re-certification feature to address failures and faults during the application process, significantly enhancing usability while reducing user effort.
- Developed and deployed Spring microservice API's that expedited the migration from **SOAP**-based architecture to **RESTful architecture**, resulting in a 60% reduction in data transfer latency and enhanced support for both XML and JSON data formats, improving system performance for market standards.
- Implemented two robust fault policies to enhance the efficiency of fault handling during communications between multiple servers, thereby **improving retry performance by 100%** on **Oracle BPM Services** by writing APIs in Spring Boot.
- Conducted a rigorous analysis of test failures; code quality and functional coverage using SonarQube for static analysis. Strategically developed and improved total test coverage for assigned classed using the **JUnit Mockito Framework** and **Maven Dependencies**.

## PROJECTS

**RAPIDCLOUDIFY | Co-Founder** | <https://rapidcloudify.com> JAN 2023 - Present

- Developed RapidCloudify as a modern Software as a Service (**SaaS**) product designed for seamless **agnostic cloud deployment**. Whether moving from on-premises to the cloud or between cloud providers, our solutions ensure minimal downtime and risk. We help you reduce costs, enhance performance, and accelerate innovation.
- Pioneered the development of the platform using **Python** and **Flask**, showcasing comprehensive expertise in AWS services, Significantly reduced manual effort by automating the deployment on **AWS EC2** instances based on user preferences, demonstrating proficiency in **S3, EC2 and IAM** services .
- Led **backend** development, crafting APIs in Python and utilizing **Ansible** for hosting user-provided Git projects. Streamlined the automation process for collecting project details, implemented **Containerization** for deployment, and managed **AWS S3** buckets for efficient storage and retrieval of project assets.
- Orchestrated the implementation of a robust **CI/CD system**, demonstrating expertise in continuous integration and deployment. Utilized **Webhooks** for swift and automatic deployment, aiming to be faster than Jenkins.

**SUPPLY CHAIN MANAGEMENT of PHARMACEUTICALS** DEC 2019

- Developed a secure framework using **ReactJS** that tracks and validates products at every '**handshake**' between registered participants, ensuring product delivery safety, **reducing latency by 80%** from the source to the consumer.
- Meticulously tracked product transactions by establishing smart contracts between nodes at each handoff. Integrated CRM functionalities to track and manage customer interactions throughout the pharmaceutical supply chain, enhancing product delivery and customer satisfaction.

**VECTORENT** AUG 2022 - Present

- Developed a website where anyone can rent 'anything' on request. Designed and implemented RESTful endpoints using **Spring Boot**, adhering to RESTful principles for resource naming and HTTP methods.
- Developed a robust back-end infrastructure using **Spring Boot** and **OracleDB** database for efficient data transfer, ensuring a smooth and reliable user interaction.