

Venkata Rohith Sunkati

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EDUCATION

University of South Florida

Masters of Science in Information Technology; GPA: 4/4

Tampa, FL.

Aug 2021 – Present

KL University

Bachelor of Technology in Computer Science and Engineering; GPA: 8/10

Guntur, India.

July 2015 – May 2019

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, HTML5.

Frameworks: Spring Boot, Hibernate, JPA, JMS, Junit, .NET, Selenium, Rabbit MQ, Apache Kafka, Redis, Django, Flask, Fast API, React, Bootstrap, CSS.

Developer Tools: IntelliJ, Maven, GIT, Bitbucket, Visual Studio Code, Spring Tool Suite, Postman, Jupyter Notebook, Swagger.io, UiPath RPA, Kibana, Signal FX, Confluence, JBoss, Tomcat.

Databases: MySQL, MongoDB.

EXPERIENCE

Software Developer at Tata Consultancy Services

Jan 2019 - Aug 2021

Financial Domain Applications

- Created Low-level design document to implement micro-services.
- Developed REST API services using the Spring-boot framework and other maven dependencies.
- Achieved around 90% **Code coverage** in TDD/BDD environments
- Deployed services using **Gitlab** and **Jenkins** over the servers.
- Integrated **Spring Security**, **JWT** modules for micro-services to secure APIs from exploitation.
- Enhanced existing services to adhere to **SonarQube** rating.
- Explored various design patterns like **Singleton**, **Factory method**, **proxy patterns** and implemented appropriate programming paradigms based on the client requirement
- Implemented **PL/SQL Procedures**, **Triggers**, **Sequences** for Database calls using **SQL Developer**
- Implemented **Apache/Confluence Kafka** communication to publish and subscribe the messages based on the fault-tolerant messaging system for **Real-time data processing**, **Logging application activity**.
- Resolved Application or code-based issues via reverse engineering, debugging, and analysis using server logs.
- Delivered project goals on time and documented features/analysis using **confluence pages**, followed AGILE methodology

PROJECTS

Personal Automation 🤖 | UiPath RPA, Python, Selenium

- Developed scripts for **one-click WiFi router restart**.
- Implemented **RPA Bots** for email triggers, Excel scraping, screen scraping and OCR.
- Monitored logs for analyzing application performance.

Spotify Data Analysis 🎧 | Python, Flask, Beautiful-Soup

Jan 2021 – Jan 2021

- Developed application to scrape the Spotify website Beautiful-Soup library.
- Perform data analysis between profiles.
- Implemented Data visualization using py libraries.

Connecting Blocks Game 🎮 | C# and .NET Framework

Sep 2021 – Dec 2021

- **Game theory:** Connect 5x5 blocks one after another with the next number surrounding 8 connecting blocks, it works on the same **principle as the Microsoft Minesweeper game**.
- Detected cyclic graphs for user moves using **Breadth-First-Search**.
- Customisable design helps other Devs to collaborate and create various other board games.

Quiz App 🎮 | ReactJs, Axios

Apr 2021 – Apr 2021

- **Full-Stack web application** that generates random questions using **opendb API**.
- Designed Intuitive UI for the user to facilitate easy interaction.
- Deployed application in **github.io**