Vasudev Desai

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## **EXPERIENCE**

# **Senior System Engineer** **Infosys Limited** NJ, USA **Feb 2022 – Current**

# Led enterprise-level micro-service app design and development for Rite Aid client, built and consumed REST APIs following Agile Software Development Life Cycle methodology.

# Created scalable APIs for third-party file transfer management, reducing time by 60% using Java, AWS Functions, and AWS cloud technologies.

# Enhanced web security with standard protocols, secure communication, and authentication using OIDC flow.

# Integrated CI/CD pipeline, resulted 2x target achievement by code reviews, load testing, and unit testing.

# Collaborated with a team of 3 members, leveraging technical expertise and making significant contributions to the successful completion of a project, resulting in a 30% increase in overall efficiency.

# **Junior Software Developer Assertion IT** GJ, India **Sept 2018 – Dec 2019**

# Implemented UI design pattern enterprise application for the retailer market using Java, Spring, and MySQL.

# Developed the frontend system framework that facilitates marketers to perform various optimization experiments within the application ecosphere boosting the navigation by about 80%.

# Automated core marketing logic, enhancing code security and readability, resulting in a $10K revenue increase in two months without third-party testing.

# Perform user generic authentication and authorization using Open ID connect in Spring Security to secure the user credibility and meet the client's expectations for a higher trusted website.

# **EDUCATION**

**Master of Science New York Institute Of Technology** NY, USA **Jan 2020 – Dec 2021**

* Major in Computer and Information Sciences

**Bachelor of Engineering Gujarat Technological University** GJ, India **Jul 2014 - May 2018**

* Major in Computer Engineering

# **PROJECT**

**Text Extractor** (Supervised ML, Flask, Android) **Jul 2017 – May 2018**

* The goal is to extract text from images in the .jpg file format and convert it into text format.
* An Android application was created to establish a connection with a server database, train data from datasets, and assess features for a future predictive model.
* Features add in application to construct interface with the model and store predictions in the database. Python Flask and Neural Algorithms were employed to execute the outcome of text variations.

**Braille Keyboard** (Android, PHP, MySQL) **Jun 2015 – Mar 2017**

* Created an Android application tailored for visually impaired students, offering a six-button keyboard that replicates Braille language dots.
* The features such as text-to-speech capabilities, gesture-based controls, haptic feedback, and the ability to customize the patterns of the six dots on the keyboard buttons.
* User interface comprising six design buttons and established a connection to a server through PHP. MySQL database is included to fetch unique predefine keywords from the button.

# **SKILL**

* Java 8 | C | C++ | JavaScript | Python | HTML5 | CSS3 | XML | MySQL | NoSQL | REST API
* Spring MVC | Hibernate | Maven | Bootstrap | Android | Katalon | Unity | Adobe Photoshop
* Microservices | Distributed System | Agile system | Azure | JUnit | jQuery
* Lambda | OOP | Unity 2D | Git | Jira | Docker | IntelliJ | MS Visual Studio | Frontend | Backend

# **AWARD & CERTIFICATION**

* Hacker Rank: Java Basic | SQL Basic **Dec 2021**
* Graduate Scholar Award by New York Technology **Jan 2021**