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**