

Vasudev Desai

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EXPERIENCE

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|---|------------------------|------------------|-----------------------------|
| Senior System Engineer | Infosys Limited | NJ, USA | Feb 2022 – Current |
| <ul style="list-style-type: none">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 | July 2018 – Dec 2019 |
| <ul style="list-style-type: none">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 ecosystem boosting the navigation by about 80%.Automated core marketing logic, enhancing code security and readability, resulting in a \$9K 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

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|--|---|------------------|----------------------------|
| Master of Science | New York Institute Of Technology | NY, USA | Jan 2020 – Dec 2021 |
| <ul style="list-style-type: none">Major in Computer and Information Sciences | | | |
| Bachelor of Engineering | Gujarat Technological University | GJ, India | Jul 2014 - May 2018 |
| <ul style="list-style-type: none">Major in Computer Engineering | | | |

PROJECT

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|---|--|---------------------------------|----------------------------|
| Security Authentication | (Spring Security, PostgreSQL) | (GitHub) | Feb 2024 – Mar 2024 |
| <ul style="list-style-type: none">Developed a robust Spring-Boot application integrating Spring Security and PostgreSQL database to create a secure and efficient login management system.Leveraged JWT for seamless customer login experience, where upon successful authentication, a token is generated and stored client-side for subsequent secure API calls.Implemented JWT-based customer authentication for secure access to personalized user information without repeated logins. | | | |
| Text Extractor | (Supervised ML, Flask, Android) | (GitHub) | Jul 2017 – May 2018 |
| <ul style="list-style-type: none">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. | | | |

SKILL

- Java 8 | C | C++ | JavaScript | Python | HTML5 | HTTP | CSS3 | XML | MySQL | REST API
- Spring MVC | Spring Security | Maven | Bootstrap | Android | Katalon | Unity | Adobe Photoshop
- Microservices | Distributed System | Unix | Linux | AWS (S3, EC2) | JUnit | jQuery
- Lambda | OOP | Git | Jira | Docker | Kubernetes | IntelliJ | MS Visual Studio | Frontend | Backend

AWARD & CERTIFICATION

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