**Jignesh Pankhania**

**San Diego, CA**

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**Senior Software Engineer / Developer**

Accomplished Senior Software Engineer with experience in complex development environments. Skilled in leading development teams, fostering customer relationships, and delivering innovative web applications. Proven ability to optimize performance, deliver high-quality, testable services, and meet project objectives on time and within budget ensuring the delivery of high-quality software.

**Professional Experience**

**Qualcomm Technologies Inc.,** San Diego, CA **June 2012 – Present**

# Senior Software Engineer, Backend

Led and contributed to establishing a robust CI system that incorporated multi-stage quality checks and customized build pipelines designed specifically for Qualcomm's workflow. Introduced advanced configuration management features to improve user experience and accelerate the development process.

* Led and actively participated in developing frontend and backend systems to initiate, monitor, and resolve build compilation issues, leading to a 30% increase in the development speed.
* Designed and implemented the web interface for the software configuration management system to enhance the overall integrated system's usability twofold.
* Developed a Resource Allocation system overseeing all resources, optimizing space, and distributing resources across various stages of building pipelines to increase the utilization of previously unused resources 2x.
* Implemented Playwright and Selenium Automated Testing suite to automate functional testing of web applications, ensuring robust and bug-free user experiences.
* Implemented RabbitMQ message broker to enhance real-time data processing, ensuring seamless communication between micro-services in a distributed architecture.
* Created a backend module that drove a 20% surge in user engagement during its initial quarter of deployment.
* Developed RESTful APIs for microservices, enabling integration with various services and ensuring standardized communication protocols.
* Successfully led the migration of monolithic applications to a microservices architecture, resulting in a 30% improvement in scalability, a 40% increase in flexibility, and a 50% reduction in deployment cycles.
* Revamped and added new features to modernize the user interface of a continuous integration and delivery system, employing Jenkins CI/CD pipelines and Cloud Bees' software delivery system.
* Proven record in strong engineering experience building, launching, coding and maintaining complex systems while meeting deadline.
* Directed the successful implementation and integration of a web interface for a change request tracking system, leading to a 25% reduction in request processing time and a 40% increase in user engagement.

**Moz Store – 1 LLC,** San Diego, CA **January 2012 – May 2012**

**Software Engineer / Software Developer**

Enhanced the inventory system's efficiency by utilizing JavaScript with NetSuite to improve the overall user experience.

* Created and implemented controls within the NetSuite application, automating the inventory system and enhancing product scanning speed by 20%.
* Implemented event-based solutions utilizing JavaScript, enabling a faster tracking system for shipped products.

**CEON Solutions,** Ahmedabad, India **June 2010 – December 2010**

**Software Developer in Test**

Created Student Administration Modules encompassing tasks like student admissions, alumni management, hostel and library management, and student health records.

* Ensured browser cross-compatibility and implemented support for multiple languages within the application.

**Education**

**Master of Science ( MS ) in Computer Science**

National University, San Diego, CA

**Bachelor of Engineer ( BE ) in Computer Engineering**

Dharamsinh Desai University, India

**Core Competencies**

Excellent written and oral communication skills │ Willingness to learn │ API Documentation │ Continuous Integration | Code Reviews | Problem Solving | multi-tier development │ Agile Methodologies | Software Development Lifecycle ( SDLC ) │ microservices │ Event driven Design | Analytical Skills | Result-driven | Design Pattern | Interpersonal Skills | Scrum | Performance Analysis | Drive requirements | Detail-oriented

**Technical Skills**

* **Programming Languages:** Python | C#.NET | PHP | JavaScript | Typescript | Java | C++ | Objective C
* **Scripting Languages:** Bash | PowerShell | Shell scripting
* **Markup Languages:** HTML | HTML5 | Markdown | XML
* **Front-End Development:** React | Typescript | JavaScript | Bootstrap | KendoUI | CSS
* **Back-End Development:** Flask | FastAPI | REST API Development| Node.js | ASP.NET MVC | ASP.Net Core | N-tier
* **Web Servers:** Apache | Nginx
* **Databases:** Relational Database - SQL Server, MySql | T-SQL (SQL Server) | NoSQL Databases (MongoDB)
* **ORM:** Flask-SQLAlchemy
* **Data Visualization:** Splunk | Tableau
* **Cloud Providers:** AWS (Amazon Web Services)
* **Services:** EC2 | S3 | Lambda
* **Serverless Computing:** AWS Lambda | Serverless | CloudFormation | CloudWatch | DynamoDB
* **Source Control:** GIT | GitHub |MS TFS | Perforce | SVN
* **Database Management Systems:** MySQL | MongoDB
* **IDEs:** VS Code | PyCharm | WebStorm | PhpStorm | Visual Studio 2022 | Ryder
* **DevOps Tools:** Docker | Kubernetes | Jenkins
* **Testing Tools:** Playwright | Selenium | NUnit
* **Operating Systems:** Windows | Linux (Ubuntu) | macOS
* **Authentication:** OAuth 2.0

**License & Certifications**

Python Object-Oriented Programming - LinkedIn Learning

Serverless computing with AWS Lambda - LinkedIn Learning