Rashesh Dobariya

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EDUCATION

California State University Long Beach | Long Beach, CA, United States — January 2022 – December 2023
Master of Science in Computer Science | GPA 3.7

Gujarat Technological University | Ahmedabad, GJ, India — August 2016 – September 2020
Bachelor of Engineering in Information Technology | GPA 4.0

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, Object-Oriented Programming (OOP)
- **Web Technologies**: HTML, CSS, Spring Boot, JavaScript, TypeScript, Microservices, NodeJS, Bootstrap 4.0, Web API, JSON, SQL
- **Libraries**: React, Redux, React Router
- **Cloud Technologies**: Salesforce, AWS
- **Development Tools**: Visual Studio Code, Bitbucket, NPM, Webpack, Yarn, GitHub, JIRA, Docker, Hibernate, Git
- **Software Testing Tools and Databases**: TDD (Test-Driven Development), Postman, CI/CD, JUnit, Mockito, Tomcat, MySQL, PostgreSQL, NoSQL (MongoDB), MVC (Model-View-Controller)

PROFESSIONAL EXPERIENCE

Software Engineer, iTechCloud Solution Pvt Ltd | Surat, GJ, India — December 2020 – November 2021

- Collaborated with a team of senior software engineers in web development and redesigned the website for a **lancer insurance** company using **Java** and **JavaScript**, resulting in a **30%** increase in user-friendly content.
- **Led** a team of 5 developers in creating the **Xero** project module, including designing **20+** new features, and overseeing requirement gathering, analysis, optimization, and testing phases of the Software Development Life Cycle (**SDLC**).
- Coordinated agile methodologies like Scrum and standup calls for collaborating with stakeholders and senior developers for product planning and requirements gathering.
- Developed Java-based **RESTful** services utilizing **Spring Boot** to facilitate the transmission of more than **10,000** requests from **Salesforce Cloud** to **JIRA** Software, acquiring practical experience in the integration of enterprise systems.
- **Implemented** test cases using JUnit to achieve more than 85% code coverage, used GitHub and bitbucket for branching and merging, and demonstrated **Jenkins** for **CI/CD** pipelines.
- Streamlined user-reported issues, debugged logs, and retrieved data using **SQL** language, resulting in a **25%** reduction in customer complaints.

Software Engineer, Zestra Technologies| Ahmedabad, GJ, India — January 2020 – December 2020

- Designed a multilayer application with cross-platform support for "SM International", leveraging technologies such as Core **Java**, **J2EE**, **JavaScript**, **MySQL**, and **JSON** along with various other backend technologies.
- Utilized **Jira's ticketing system** and **Figma design** software to streamline the design, effective communication, and project management.
- Contributed to the end-to-end development of **6+ new web pages** of the **SATVA GOLD** website, encompassing UI/UX design, front-end, and back-end development.
- Created JUnit test cases to uphold code quality using Test-Driven Development (**TDD**) and productivity and applied best practices in the development process to ensure optimal speed and reusability.
- Participated in **code reviews** to express concerns about modifications, and guarantee adherence to coding standards.

PROJECTS

LinkedIn Automation System

- Developed a system using **React**, Python, **MongoDB**, and Selenium to automate LinkedIn messaging, achieving a 92% success rate in reaching out to connections.
- Integrated **OAuth 2.0** authentication flow using Flask framework, ensuring secure access to user data over the internet.
- Leveraged the web scraping techniques of **Selenium**'s WebDriver to integrate LinkedIn's UI, enhancing the system's web Services capabilities.

Medicare with Machine Learning and Deep Learning

- Engineered a disease prediction application using **Python**, **Flask** framework, HTML, Scikit-learn, Matplotlib, TensorFlow, and Keras.
- Implemented 3 ML algorithms: Naïve Bayes, Apriori algorithm, and CNN for malaria disease Identification.
- Analyzed the model with over 510,670 data from Columbia State University and achieved an accuracy of up to 96.33%.

PUBLICATION

- **"Medicare with Machine Learning and Deep Learning,"** published in **Springer** International Publication in July 2020.