

Rashesh Dobariya

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EDUCATION

California State University, Long Beach, California

January 2022 – December 2023

Master of Science in Computer Science | GPA 3.7

Relevant Coursework: Analysis of Algorithms, Advanced Software Engineering, Advanced Object-Oriented Programming.

Gujarat Technological University, Ahmedabad, India

August 2016 – September 2020

Bachelor of Engineering in Information Technology | GPA 4.0

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, HTML5, CSS3, JSON, XML, JDBC, SQL
- **Web Technologies:** React, Node JS, Spring Boot, TypeScript, Bootstrap, REST API, jQuery, Redux, React Router
- **Cloud Technologies:** Salesforce, AWS
- **Database:** MySQL, PostgreSQL, MongoDB
- **Software Tools and Architecture:** Git, Postman, NPM, JIRA, Junit, MVC(Model-View-Controller)

PROFESSIONAL EXPERIENCE

Software Engineer, iTechCloud Solution Ltd | Surat, India

October 2020 – December 2021

- Collaborated with a team of senior software engineers in web development and redesigned the website for a **lancer insurance** company using **Java**, **Python**, and **JavaScript**, resulting in a **30%** increase in web-friendly content.
- **Led** a team of 5 developers in creating the **Xero** project module, including designing **40+** new features, overseeing requirement gathering, analysis, optimization, and testing phases of the Software Development Life Cycle.
- Developed Java-based **RESTful APIs** 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.
- Streamlined user-reported issues, debugged logs, and retrieved data using **SQL** language, resulting in a **25%** reduction in customer complaints.
- Coordinated agile software development methodologies like Scrum and facilitated **sprint planning** and standup calls for collaborating with stakeholders and senior developers for product planning and requirements gathering.
- Implemented automated tests, including Unit Testing and integration Testing, to achieve **87%** code coverage for unit tests, used GitHub for branching and merging, and demonstrated **Jenkins** for **CI/CD** processes.

PROJECTS

LinkedIn Automation System

January 2023 – March 2023

- 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 system's web Services capabilities.

Inventory Management System

August 2022 – October 2022

- Constructed logic for two eCommerce websites' inventory management systems using **React JS**, **Node JS**, and **MongoDB**.
- Integrated login and authentication using OAuth 2.0 and **JWT**, reduced app response time by 23%.
- Designed real-time updates and notifications functionalities using WebSocket and optimized system performance by implementing **GraphQL**, reducing network traffic by 30% and improving response time.

Medicare with Machine Learning and Deep Learning

May 2020 – August 2020

- 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%.

ACTIVITY

LA Hacks, California State University Los Angeles | Los Angeles, CA

- Guided as a mentor for more than ten teams for architectural decisions and code reviews to ensure project success.
- Coordinated to the Hackathon by providing technical expertise, troubleshooting support, and promoting effective software development practices.

PUBLICATION

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