

Kushal Dalasaniya

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EDUCATION

L.D. COLLEGE OF ENG.

BACHELOR OF ENGINEERING

📅 Jun 2021

📍 Ahmedabad, Gujarat

CGPA: 8.42/10

V.P. GHETIYA HIGH SCHOOL

CLASS 12 (STATE BOARD)

📅 April 2017

📍 Rajkot, Gujarat

Percentage: 87

V.P. GHETIYA HIGH SCHOOL

CLASS 10 (STATE BOARD)

📅 April 2015

📍 Rajkot, Gujarat

Percentage: 80

LINKS

GitHub : github.com/Kushal

Linkedin : linkedin.com/Kushal

Leetcode : leetcode.com/Kushal

GeeksforGeeks : gfg.com/Kushal

Personal : kushaldalasaniya.in

SKILLS

LANGUAGES & FRAMEWORKS

JavaScript, NodeJS, Java, Spring Boot, C++, TypeScript, ReactJs, ISO, hibernate, JPA

DATABASES

MongoDB, MySQL, PostgreSQL

TOOLS

Git, Postman, Linux

BLOCKCHAIN TOOLS

Motoko, Solodity, Remix, Geth, DFX, Hardhat, Motoko playground

COURSEWORK

- Data Structure and Algorithms
- Object-Oriented Programming
- Database Management System
- Blockchain Development using Motoko Dfinity
- Java - Spring Boot

LANGUAGES

- English
- Hindi
- Gujarati

EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER

PEERBITS/DIGIPAY

📅 Dec 2023 - Present

📍 Ahmedabad, Gujarat

- Demonstrated expertise in implementing the **ISO 8583 version 1987 protocol**, enabling seamless communication with banking institutions.
- Proficiently decoded messages and unpacked fields utilizing the **JPOS library**, ensuring efficient data transmission and processing.
- Implemented the **Luhn Algorithm** to verify and generate valid numbers, such as account and PAN card numbers, enhancing security and accuracy.
- Developed a **framework** that simplifies and streamlines **client onboarding** for **SAS-based fintech product**, enabling seamless communication with various banking institutions. **It's reduced onboarding time by 30 percent.**
- Implemented **bulk payment via spreadsheet** upload, automating transactions for streamlined processing.
- Leveraged **Kafka for microservices** communication and **MySQL/MongoDB** for efficient data handling, ensuring smooth and scalable operations.
- Possess experience with **Elastic Search** and **Kibana** for **data visualization**.

SYSTEM ENGINEER

INFOSYS

📅 Dec 2021 - Dec 2023

📍 Pune, Maharashtra

- Developed REST APIs in a **distributed environment** across multiple **microservices** and use a **three-layer architecture** (BFF, BU, and DB).
- **Backend-driven dynamic filters** for many features. Ex WorkOrders.
- **Filter, sort, and paginate** data based on selected filters for multiple features by executing **SQL queries** on the backend.
- Implement the **Export** operation on different screens and export dynamically filtered data to an Excel file.
- Implement **unit testing** and mocking with **Mockito** and **JUnit** to increase the coverage of the application.
- Evaluation and migration of **authentication mechanisms**, e.g., JWT.
- Use **DevOps** tools to automate build, test, and deployment processes using **Bamboo** and **GitLab**.

BLOCKCHAIN DEVELOPER

FREELANCING

📅 Jan 2021 - Dec 2021

📍 Remote, India

- Design and develop smart contracts and **decentralized applications** on **Ethereum** and **ICP blockchain**.
- Ensure the scalability, security, and efficiency of **Ethereum** and **ICP blockchain**.
- Worked with **Solidity programming** language for Ethereum and Motoko programming languages for the ICP blockchain.
- Familiar with a variety of blockchain development tools, such as **Remix, Geth, DFX** and **Hardhat**.

RECENT PROJECTS

CONTRACT AND SIDE MANAGEMENT PROJECT

- Developed an end-to-end Contract and **Site Management system for a major Australian telecom** company using Java, Spring Boot, PostgreSQL, GitLab, and Bamboo. Delivered within timeline, enhancing the efficiency of contract and site management processes.

OPEND - NFT BUY AND SELL PLATFORM

- Created OpenD, a decentralized **NFT marketplace** allowing users to buy and sell NFTs using the **KCON** token. Utilized Motoko for backend and React JS for frontend, inspired by OpenSea. Source code available on GitHub: [OpenD-NFTBuyAndSellPlatform-web3](https://github.com/OpenD-NFTBuyAndSellPlatform-web3)