Kalpesh Vala

 kalpesh-vala.vercel.app   valakalpesh6175@gmail.com   Kalpesh-Vala   in kalpesh-vala

EDUCATION

Nirma University
B.Tech. Computer Science and Engineering   2022 - Present
- CGPA: 8.08/10

Nutan Vidhyapith
Higher Secondary (XII)   2021 - 2022
- Percentage: 88.31

Relevant Coursework
- Data Structures, OS, DBMS, OOP, CN, Digital Electronics, Microcontroller, Cybersecurity, App Dev

PROJECTS

Credit Card Fraud Detection | Flask, MongoDB, Python
GitHub: github.com/Kalpesh-Vala/Credit-Card-Fraud-Detection
Live Demo: credit-card-fraud-detection-2oay.onrender.com
- Built a Flask web app using Isolation Forest and Logistic Regression to detect fraud in uploaded transactions.
- Used MongoDB for real-time storage and retrieval.

E-Commerce Platform (JSP) | JSP, Servlets, JDBC, Docker
GitHub: github.com/Kalpesh-Vala/JAVA-E-commerce
- Designed a dynamic JSP-based storefront with MySQL backend and payment integration.
- Dockerized app for easy deployment.

MyShops - Backend System | Java, Spring Boot, MySQL, REST
GitHub: github.com/Kalpesh-Vala/my-shops
- Created RESTful APIs for products, carts, and orders using Spring Boot and MySQL.
- Applied clean architecture and containerized with Docker.

Chat + To-Do Web App | Go, Next, JWT
GitHub: github.com/Kalpesh-Vala/go-next-chat
Live Demo: go-next-chat.vercel.app
- Developed real-time chat + to-do app with JWT auth and live notifications.
- Backend in Go (Gin), frontend in next; used MongoDB.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, Go, HTML/CSS
Tools: Git, MySQL, Oracle, Docker, Kubernetes, MongoDB
Frameworks: React, Next.js, Flask, Spring Boot, Hibernate, Django

ACHIEVEMENTS AND CERTIFICATIONS

Aspire Leaders Program (Modules 1 & 2)

Complete Kubernetes: Practical Guide (Udemy)

Scholar Certificate - Semester II (Nirma University)

Smart India Hackathon, HackNuthone 6.0