

Kunal Verma

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SUMMARY

Versatile developer with a Bachelor's degree in Computer Science, distinguished for problem solving skills. Ample experience in full-stack development, delivering tested, and operable code. Efficient in collaborating and communicating new ideas and opinions.

CERTIFICATIONS

AWS and REACT | YouAccel training
complete ReactJS | Qaifi Khan
MERN stack cohort | Harkirat Singh
MySQL | YouAccel training

TECHNICAL SKILLS

Languages : Java, Python, C/C++, SQL (Postgres, MySQL), JavaScript, TypeScript, HTML, CSS, Solidity
Frameworks : ReactJS, jQuery, Hardhat, Node.js, Flask, Django, ExpressJS, Bootstrap, Tailwind
Problem solving : Data structures and algorithms

EXPERIENCE

FreeLance | Disha Chemicals December 2023
– Object was to build and deploy a website for a chemical store for more than a 100 customers weekly to search and place orders.
– Used React, Stripe, Amplify, AppSync, DynamoDB, S3, Lambda services in AWS and React Hooks, Context API in ReactJS.
– Used AWS for hosting and deployment of the application.

EDUCATION

PSIT college of Engineering	B.tech. in Computer Science and Engineering GPA : 7.53	November 2020 – present
O.S.V.N. Inter college	H.S.C. GPA : 7.76	April 2018 – March 2019
O.S.V.N. Inter college	S.S.C. GPA : 8.18	April 2016 – March 2017

PROJECTS

Anti Counterfeiting system using blockchain | Solidity, Node JS, Remix, MySql, python, Tkinter, OpenCV Nov 2023
– Used a private blockchain and smart contracts for **Decentralization** of the (product transaction history) data storage.
– Used solidity to write **Smart contracts** .
– The user Interface which is able to scan or upload **QR codes** was built using Tkinter-python.

Blockchain Based ID Management System | ReactJS, Redux Toolkit, RapidAI, TailwindCSS Sep 2022
– Blockchain-based ID Management system on the **Ethereum** network, deployed on the **Sepolia Testnet** .
– Technologies used: ReactJS, Solidity, Ether.JS, Truffle, Ganache, **Blockchain**
– Designed & Deployed Solidity Smart Contracts and implemented identity verification mechanisms, thereby identifying and validating user credentials securely.

Real Time Chat Application | mongodb, express, node, socket.io August 2023
– Used **JWT tokens** for secure transmission of login credentials for **authorization** .
– used **Socket.IO** for low-latency, bidirectional and event-based communication between client and server.
– **NodeJS** and **ExpressJS** for backend server.

Unsupervised ML – Business Intelligence and Predictive Analysis | EDA, K-means clustering August 2023
– Collected and performed **EDA** on the purchase data from 250+ Flipkart users.
– Analyzed spending habits based on gender, income-group, city tier, product purchase, carried out RFM analysis, applied **K-Means clustering** for identifying different segments of consumers and proposed business solutions to improve sales, net profitability.

ACHIEVEMENTS

Competitive achievements
– Solved more than 500 problems using my knowledge of data structures and algorithms on various coding platforms, having rated among top 25% coders on leetcode.
– Bronze medal in Aptitude Test conducted by NTC
– Member of the elite batch in college special training

EXTRACURRICULAR ACTIVITIES

Responsibility
– Member of the prestigious **GAIMAN writer's club** .
– Journal writing member in R-reviews.

Others
– Script-writing, Film-making, Editing.