

Vinit Rajendra Rokade

B.E. Computer Engineering

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EDUCATION

Zeal College Of Engineering And Research

2027

BE(Computer Engineering)

CGPA: 7.93

Efforts Junior College Of Science

2023

12th (HSC)

Percentage: 66.50 %

New English School Wasunde

2021

10th (SSC)

Percentage: 92.80 %

PERSONAL PROJECTS

External Device Password-Protected Access Control System | Python, Psutil, Tkinter

- Engineered a real-time USB/HID device monitoring tool using Psutil to detect newly connected external devices and trigger an authentication prompt before granting system-level access.
- Designed a Tkinter-based GUI for password verification, blocking unauthorized device access and reducing risk of data theft via removable storage.
- Implemented event-driven device polling to identify connect/disconnect activity, simulating endpoint security controls used in enterprise environments.

CodePrism — AI-Powered Developer Toolkit | React.js, Node.js, Express, MongoDB, Groq API(LLaMA 3.3)

- Developed a full-stack developer toolkit with SVG-based interactive visualizers for data structures (trees, graphs, arrays, linked lists, stacks, queues) to help developers understand code execution and structure visually.
- Integrated AI-powered code review using the Groq API (LLaMA 3.3-70B) to deliver real-time feedback on code quality, bugs, and best practices.
- Built a user dashboard with activity tracking, streak counters, and a badge/achievement system to drive engagement, backed by MongoDB for persistent user data and auth.
- Designed a fully responsive UI from scratch using custom theming and inline styles (no external UI libraries), including a hamburger nav and custom SVG logomark.

Sales Data Analysis Using SQL

- Analyzed and transformed large-scale sales data using SQL, applying advanced queries, joins, CTEs, subqueries, window functions, and aggregations to extract meaningful business insights.
- Developed data-driven reports and insights to identify sales trends, top-performing products, customer behaviour, and regional performance, supporting informed business decision-making.

TECHNICAL SKILLS and INTERESTS

Languages: Javascript ,C++, Python, SQL, HTML5, CSS3,

Tools/Frameworks: React.js, Node.js, Express.js, MongoDB, REST API

DevOps/Cloud: Docker, AWS (EC2),Linux

CS Fundamentals: Object Oriented Programming, DBMS, Operating Systems, Computer Networks, Data Structure & Algorithm

Databases/Technologies: MySQL, PostgreSQL ,MongoDB

Version Control: Git, Github

Certifications

- Web Development + DevOps + Blockchain Cohort — 100xDevs Cohort 3, Harkirat Singh (Founder) — Issued 02/06/2025
- Python Programming — ASCII Education (VSE), Kashinath Vhanmane (Director) — Issued 20/07/2024