PRATHMESH SURVE

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LinkedIn in | GitHub ⬤ | LeetCode 🅒 | Portfolio Website ⊕

Skills

Programming Languages: **JavaScript, TypeScript, HTML, CSS, SQL**
Frameworks: **React.js, Angular, Streamlit, Express.js, Node.js**
Tools and Technologies: **Linux/Ubuntu, Git and GitHub, Nginx, PostgreSql, Bootstrap, Postman**

Work History

Software Product Developer, VoltUp, Pune, India   Dec 2023 – Present

- Developed a **CRM** (Customer Relationship Management) web application for company head users, streamlining operations and enhancing **user management** efficiency using **React.js** and **Redux**.
- Built an attractive, **real-time interactive dashboard** using **Streamlit** (Python) for the company heads, enabling visualization of revenue, product sales, and key business metrics through dynamic graphs and charts.
- Performed **database queries** to extract and manage business-critical data, ensuring accurate and timely insights; worked with **PostgreSQL** for efficient data storage and retrieval.
- Contributed to the **frontend** using **Angular**, delivering responsive and user-friendly interfaces.
- Gained a comprehensive understanding of **web application architecture** and the **software development lifecycle**, including planning, design, development, testing, and deployment.
- Used **Docker** and **Nginx** to deploy projects in containerised environments, ensuring scalability and ease of deployment.
- Handled **Git repositories** for version control across all projects, maintaining clean commit histories and collaborating efficiently with team members.
- Designed and structured databases to support **dynamic content** across multiple web pages, ensuring efficient data flow and retrieval performance.

Education

Ajeenkya D Y Patil School of Engineering, Pune | **BE in Computer Engineering**   June 2020 – Apr 2023
- CGPA: **7.98** | Coursework: Software Architecture, Learning Algorithms, Computational Theories

Government Polytechnic, Karad | **Diploma in Computer Engineering**   June 2017 – Apr 2020
- Percentage: **82.17 %** | Coursework: Basics of Computer Engineering, Introduction to Programming Languages

New English School & Jr. College, Humgaon | **SSC with MSBSHSE**   June 2014 – May 2015
- Percentage: **91.40 %** | Coursework: *Gurukul* by Rayat Shikshan Sanstha, Satara (Semi-English)

Projects

Smart Role-Based Access & Audit Logging System | **React.js, Node.js, PostgreSQL**   Feb 2025 - Present

- Built a secure, scalable web platform enabling dynamic **role-based access control (RBAC)** with real-time **audit logging** and activity monitoring.
- Developed an intuitive admin UI using **React.js** for managing roles, permissions, and access hierarchies.
- Designed optimized **PostgreSQL** schemas for users, roles, permissions, and logs, supporting fast queries and data integrity.
- Followed modular development with Git for version control and designed the system with **scalability and maintainability** in mind.

Vending Machine Management | **PostgreSQL, Angular, Node.js**   June 2024 - Aug 2024

- Introduced a new **user type** with dedicated workflows to manage machines, track stock, and handle sales operations, created seamless UI for these functionalities in Angular.
- Developed **automated wallet creation** and integrated transactional logic with balance checks and deductions.
- Designed and integrated **PostgreSQL** database schema for wallet and transaction modules.

Honors & Awards

- Ranked in **top 4.2% globally** on LeetCode (2024) by solving **100+ challenges** with daily consistency.
- Won **1st prize in coding** and secured **runner-up in blind debugging** at Intercollege Competition (2022).
- Got merit for the year of board examination for high school, **100 out of 100** in **Mathematics** and **Sanskrit**.