Tejas Shinde

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EDUCATION

Vishwakarma Institute of Technology

B. Tech in Information Technology, CGPA: 8.37

Pune, India 2020 - 2024

Pune, India

Work Experience

Aditya Birla Group

Full Stack Developer (GET)

August 2024 - Present

- Centralized 50+ analytics dashboards across 20+ manufacturing units into a single gateway, improving accessibility.
- Developed and optimized a scalable full-stack platform using Angular, Node.js, Express.js, Sequelize, and Oracle DB.
- Integrated Azure OAuth2 and JWT-based SSO authentication, reducing login complaints by 40%.
- Optimized database pooling and query execution, reducing API response times by 25% and enhancing query efficiency by 60%.
- Implemented bookmark and domain-wise navigation, reducing user search time by 40%.

Swaraj Studio

Pune, India

Full Stack Developer (Intern)

Feb. 2024 - May 2024

- Developed a dynamic website using React, Node.js, Express.js, MongoDB, and Tailwind CSS, increasing session duration by 35%.
- Enhanced user experience with optimized UI/UX, improving retention rates by 20%.
- Integrated Cloudinary for media optimization, reducing image load times by 30%.

KEY PROJECTS

E-Dairy Jul-2024

React.js, Node.js, Tailwind, Redux, MongoDB, Socket.io, JWT, Cloud Deployment

- Built a cloud-based milk transaction platform enabling secure payments and order tracking.
- Developed role-based authentication and PDF invoice generation for customers and providers.
- Integrated WebSockets for real-time messaging, reducing ticket escalations by 30%.
- Digitized workflows for 100% paperless operations, increasing efficiency.

NatureLens Nov-2023

Python, JavaScript, CNN, TensorFlow, Flask

- Developed a plant recognition system using CNN with 93% accuracy on 3,000+ medicinal plant images.
- Designed a Flask-based API for real-time image classification and result retrieval.

Technical Skills & Tools

- Languages: Java, JavaScript, C, SQL
- Frameworks: React, Node.js, Express.js, Angular, Tailwind CSS
- Databases: MySQL, MongoDB, Firebase, Oracle DB
- Cloud Platforms: AWS, Azure, Firebase
- Dev Tools: VS Code, Git, Postman, IntelliJ, CI/CD Pipelines
- Other: Data Structures, Algorithms, Microservices, API Development