

Vedant Thanekar

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EDUCATION

K. K. Wagh Institute of Engineering Education and Research

Bachelor of Technology in Information Technology

Nashik, India

Nov 2022 – June 2026 (Expected)

EXPERIENCE

MERN Developer Intern

CommuSync

August 2025 – October 2025

Remote

- A startup developing a modern SaaS platform designed to streamline society and apartment complex management
- Developed and implemented frontend, user-facing features for the CommuSync web platform in Next.js and Typescript
- Translated Figma designs and UI mockups into reusable components, ensuring high-fidelity visual and functional accuracy

Software Engineer Intern

IgnAIt

December 2025 – Present

Remote

- Engineered the core logic for a Financial Portfolio Optimizer for employees in the United States to help them pick an optimal portfolio for their 401k (PF) package.
- Collaborated with team members to understand functional requirements and translate them into backend services using FastAPI.
- Debugged and resolved errors during development and deployment, ensuring stable application behavior.
- Designing ETL data pipelines using Databricks platform for AI model training.

PROJECTS

Kinoji | Python, PostgreSQL, FastAPI, Svelte, Docker | GitHub | Live Site | Blog

- A data engineering and analytics system with AI integration, to map trends in the film industry.
- Engineered a Python data pipeline to ingest data from the TMDB API and by scraping Letterboxd.
- Modeled schema and implemented database normalization via SQLAlchemy and stored data in a Dockerized PostgreSQL instance.
- Deployed on a Linux Virtual Private Server (VPS) with DigitalOcean using Docker Compose and Nginx reverse proxy. Blogged and Documented the Project on Medium.

Flow.js | JavaScript, Three.js, Vue.js | GitHub | Website Link

- Designed and implemented a JavaScript library built on top of Three.js that abstracts and simplifies 3D rendering pipelines on browsers.
- Reduced boilerplate code by 60-70 percent and loading time by 40 percent ensuring smooth developer and user experience.
- Tested code against vanilla Three.js and high polygon meshes to ensure optimal load times and memory usage.
- Integrated optimization techniques, benchmarking and wrote documentation for the project.

NovINest | React, TailwindCSS, Django, PostgreSQL | GitHub | Live Site

- Developed a full-stack book cataloging platform where users can track, review, and organize their reading lists.
- Built a scalable backend with Django and PostgreSQL, ensuring robust data management.
- Designed a dynamic React-based UI using hooks, context API, and reusable components for seamless interaction
- Secured user authentication with JWT Tokens using Django's REST service and framework, ensuring data privacy and protection.

SKILLS

Languages: C/C++, Python, JavaScript, Golang

Frameworks and Libraries: FastAPI, React, Django, Node.js, Next.js

Databases and Cloud: PostgreSQL, MySQL, DigitalOcean, Amazon Web Services

Developer Tools: Git, Github, Linux, Curl, Postman, Docker, Nginx, Databricks