Vivek Tarnallya

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SUMMARY

Full-stack engineer focused on frontend, building fast, responsive interfaces with **React.js, Next.js and Tailwind CSS** on **Node.js and Django** backends. Ships products end to end, from data models and APIs to production UI, with an eye for performance and reusable component design.

SKILLS

Frontend	JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, Redux Toolkit
Backend	Node.js, Express.js, Django REST Framework, PostgreSQL, MongoDB
Mobile & Tools	React Native, Git, Docker, Vercel

EXPERIENCE

Software Developer Intern, aurus.ai *(Remote)* Nov 2025 – Jun 2026

- Built production features in **React.js and Next.js** on Django REST APIs for enterprise workflows.
- Designed a **reusable frontend component architecture** shared across product workflows.
- Integrated RAG-based AI features with Redis and Celery for asynchronous processing.
- Built an OCR pipeline for AI document parsing, deployed with Docker and Railway.

Frontend Developer Intern, Expert Buddy *(Remote)* Apr 2025 – Jul 2025

- Refactored legacy React components, **reducing unnecessary re-renders by 40%**.
- Launched commenting and blog features, **increasing user engagement by 25%**.
- Delivered responsive **Next.js and Tailwind CSS** interfaces across core user flows.

PROJECTS

Postings: Doctors Network | *React Native, Django REST, PostgreSQL* Google Play

- Shipped a verified network for doctors and medical students with feeds, profiles, DMs and groups.
- Implemented authentication, role-based access and real-time notifications end to end.

RideLocker AI | *React Native, On-device OCR & AI*

- Architected an offline-first vehicle document vault with renewal reminders and zero cloud storage.
- Embedded on-device OCR and AI to read document details instantly, even without a network.

Tark: Skill Engine | *MERN Stack* tarkapp.me

- Created guided skill tracks, project challenges, mentorship and gamified leaderboards.
- Grew the platform to **400+ signups and 5k+ visits**.

Safe Space | *Leaflet, Node.js, Express, DBSCAN* Live demo

- Mapped community incident reports on an interactive Leaflet map with an Express backend.
- Applied DBSCAN clustering to detect hotspots and render live heat maps of unsafe areas.

EDUCATION

East Point College of Engineering and Technology 2022 – 2026

B.E. in Computer Science (IoT & CSBT) CGPA: 8/10