TOSHAN KANWAR

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Education

International Institute of Information Technology (IIIT) Naya Raipur

B.Tech. in Data Science and Artificial Intelligence   *Nov 2022 – Aug 2026*

Jawahar Navodaya Vidyalaya, Dhamtari, Chhattisgarh

High School Diploma   *Jul 2015 – Jun 2022*

Experience

GSSoC Extended 2024 – Open Source Contributor | *Certificate*

(React.js, JavaScript)   Oct 2024 – Nov 2024

- Merged 7+ pull requests across diverse open-source repositories in a short span, demonstrating quick adaptation and code quality.

Projects

PoemSite

(Prompt Engineering, Next.js, Firebase, Tailwind CSS, Node.js, Vercel, Nodemailer) Apr 2025 – Present

- Designed and developed a modern, fully responsive poem-sharing platform using Next.js 13+ App Router and Firebase backend.
- Implemented dynamic poem rendering with SEO-friendly URLs (`/poem/[slug]`) and ensured discoverability — **PoemSite appears in Google search results** (e.g., by searching "Toshan PoemSite").
- Integrated Firebase Authentication for secure email/password and Google login, with robust role-based access control (admin/user).
- Created a feature-rich commenting system with nested replies, admin moderation, and real-time updates.
- Built a custom Node.js (Express) mail server and mailing list for transactional emails and announcements.
- Comprehensive documentation provided on the "Everything About Project" page: View Details.

PoemSite Admin Dashboard

(Prompt Engineering, Next.js, Firebase, Tailwind CSS, Vercel)   May 2025 – Present

- Developed a secure admin dashboard on a dedicated subdomain for PoemSite.
- Enables admins to post, edit, and delete poems; moderate user comments; approve poem requests; and manage mailing list and user roles in real time.
- Implemented Google/Firebase authentication with strict admin-role enforcement and Firestore security rules.
- Integrated analytics dashboard for real-time platform insights (user activity, engagement, content stats).
- Ensured seamless integration and CI/CD deployment via Vercel for instant updates and high availability.

Bakery E-Commerce and Management

(Prompt Engineering, Next.js, Firebase, Tailwind CSS)   June 2024 – Present

- Developed a full-stack, mobile-first e-commerce platform for a local bakery using Next.js and Firebase, delivering an app-like experience on mobile devices.
- Engineered an integrated admin dashboard for efficient product management and real-time order administration.
- Implemented a seamless end-to-end order workflow: users can add items to cart, proceed through checkout, confirm orders, and view their purchase history in a dedicated orders page.

Technical Skills

Languages: JavaScript, Python, SQL, HTML/CSS, C/C++
Frameworks/Tools: Next.js, React.js, Vite.js, Node.js, Flask, Pandas, NumPy, Matplotlib
Databases/Deployment: Firebase, MongoDB, MySQL, Vercel, Render, Hostinger
Dev Tools: Git, Github, VS Code, Jupyter Notebook

Achievements

- Published research paper: *"A Multimodel Deep Learning Based Facial Emotion Recognition and Detection with Hyper Parameters"* [Certificate]
- Proficient in leveraging AI tools like ChatGPT and Github Copilot for rapid prototyping, debugging, and writing optimized code.