

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

Toshan Bakery [DEMO](#) [GITHUB](#) [ANDROID APP](#) [GITHUB](#)

(Next.js, React Native, Firebase, Tailwind CSS, Razorpay, Node.js, DBMS) Jun 2024 – Jul 2025

- Architected a scalable bakery e-commerce platform and Delivery APP with seamless product browsing, shopping cart, and secure Razorpay payment integration supporting multiple channels with automated refund workflows.
- Engineered robust backend solutions to handle 100+ Customers in a day including atomic stock updates with Firebase transactions, custom APIs for order cancellations and automated payment refunds, and a proprietary mail server for transactional emails, all supported by real-time Firebase Authentication and Firestore syncing for responsive user experiences.

Toshan Bakery Admin Dashboard & Analytics [DEMO](#) [GITHUB](#)

(Next.js, Chart.js, Data Analytics, Data Visualization)

Jun 2024 – Jul 2025

- Developed a secure, role-based admin dashboard with real-time Firestore syncing enabling efficient product, category, and order management, reducing manual tasks by 50%.
- Implemented advanced multi-parameter search, filtering, sorting, and interactive sales heatmaps delivering actionable insights to drive business growth.
- Streamlined workflows across web and mobile, improving order processing speed and team productivity.

PoemSite & Admin Dashboard [DEMO](#) [GITHUB](#) [DEMO](#) [GITHUB](#)

(Next.js, Node.js, Tailwind CSS, Nodemailer, Firebase, Chart.js)

Apr 2025 – Jul 2025

- Built a SEO-optimized poetry sharing platform supporting dynamic poem pages, secure user authentication, and real-time nested commenting to foster vibrant community engagement.
- Integrated an admin dashboard consolidating poem management, comment moderation, and analytics with strict Firestore security to ensure compliance and platform integrity.
- Engineered a custom transactional Node.js mail server, improving user notifications and driving higher platform engagement.

Agrolens [DEMO](#) [GITHUB](#)

(React.js, Python, Flask, Machine Learning)

Jan 2025 – May 2025

- Developed an agriculture platform empowering farmers with AI-driven insights and machine learning-based crop yield recommendations, increasing profits by 20%.

Technical Skills

Languages: JavaScript, Python, SQL, HTML/CSS, C/C++

Frameworks/Tools: Next.js, React Native, React.js, Razorpay, Vite.js, Node.js, Flask, Pandas, NumPy, Matplotlib

Databases/Deployment: Firebase, MongoDB, MySQL, Vercel, Render, Hostinger

Dev Tools: Git, Github, Github Actions, Nginx, Devops, VS Code, Jupyter Notebook

Achievements

- Published research paper: “A Multimodel Deep Learning Based Facial Emotion Recognition and Detection with Hyper Parameters” [\[Certificate\]](#)
- Proficient in utilizing AI tools such as Perplexity, ChatGPT and GitHub Copilot for efficient prototyping, debugging, and optimized code development.