

# Nitesh Wosti

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github.com/niteshwosti1 | U.S. Permanent Resident

## SUMMARY

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Software Engineer with 3+ years building production React/Next.js applications, with hands-on experience integrating AI directly into the product layer, from AI voice agents with real-time CRM sync to AI-assisted development workflows using GitHub Copilot and Cursor. Strong background in component architecture, state management, performance optimization, and shipping AI-powered features end-to-end (UI + backend logic + webhooks).

## TECHNICAL SKILLS

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- **Front-End:** React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Redux, Redux Toolkit, Context API
- **Styling/UI:** Tailwind CSS, Material UI, Ant Design, Styled Components, Linaria
- **AI-Assisted Development:** GitHub Copilot, Cursor (daily-driver AI pair-programming for component scaffolding, refactors, test generation)
- **AI Integration (Product-Level):** OpenAI API, Anthropic API, Synthflow AI (voice agent design, prompt engineering )
- **Back-End & APIs:** Node.js, Python, RESTful API design and integration
- **Testing:** Jest (unit/integration), Cypress (E2E)
- **CI/CD & DevOps:** Docker, Jenkins, GitHub Actions, GCP, Bitbucket
- **Other:** Agile/Scrum, Jira, Figma, Notion, ClickUp, code review

## EXPERIENCE

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### Software Engineer

May 2025 – Feb 2026

*Daylight Solar — Sunshine Coast, Australia (Remote)*

- Built a Node.js API to synchronize customer data between internal systems and third-party CRMs in real time, reducing data latency by 60% and eliminating stale-data bugs reported by the support team.
- Integrated Synthflow AI with the OpenAI API to build a voice agent that answers inbound calls, captures customer information, and provides instant quotes — cutting customer support volume by 35% by automating routine inbound queries.
- Refactored front-end form handling and validation logic (multi-step forms, async field validation, error states), which measurably improved user conversion rates on key intake flows.
- Used GitHub Copilot and Cursor throughout the sprint cycle for component scaffolding, refactor suggestions, and test generation — helping the team ship features faster within Agile sprint timelines.

### Software Engineer

Jun 2022 – Jun 2023

*Citytech Pvt. Ltd — Kathmandu, Nepal*

- Built a POS transaction dashboard in React and Redux with role-based access control, JWT-based authentication, and live data visualizations using React ECharts for sales and transaction trends.
- Designed and developed RESTful APIs in Node.js to support the dashboard, and integrated the Flex CyberSource Payment Gateway — including NFC tap-to-pay, QR code payments, and automated digital receipt generation.
- Optimized dynamic table rendering for large transaction datasets using code splitting and improved state management, reducing page load times on data-heavy screens.

- Built a reusable Material UI component library shared across the team, cutting development time on new screens and enforcing consistent design patterns across the product.

## Software Engineer

Jan 2021 – May 2022

*WesionaryTeam Co. Ltd — Shibuya, Japan (Remote)*

- Developed responsive, production UIs across multiple client projects using React, Next.js, TypeScript, Ant Design, Tailwind CSS, and Linaria — working across e-commerce, dashboard, and internal-tool client contexts.
- Built custom UI components, multi-step forms, real-time chat interfaces, and complex dashboard layouts from Figma designs, working closely with designers to match spec pixel-for-pixel.
- Improved Lighthouse performance scores and page load times through code splitting, lazy loading, and asset/image optimization across multiple client sites.
- Wrote unit, integration, and E2E tests (Jest, Cypress) as part of CI/CD pipelines, reducing production bug rates and improving release confidence.

## PROJECTS

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### AI Daily News Digest

*Next.js, TypeScript, Tailwind, Gemini API, Resend*

- Built a front-end news digest app that pulls daily headlines and uses Gemini to generate concise per-article summaries plus a synthesized “what mattered today” narrative brief, displayed in a card-based UI with category filtering sent to email.
- Implemented scheduled digest generation (Vercel Cron) so the front-end reads from cached daily results rather than calling the LLM on every page load, keeping the app fast and cost-efficient.

## EDUCATION

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### Master of Information Technology

Jul 2023 – Jun 2025

*University of Southern Queensland, Queensland, Australia*

- *Capstone Project: Spruces.co — AI-Powered Client Management Platform.* Contributed in building web app and integrating AI voice agent, custom API webhooks, and real-time CRM synchronization; optimized prompt engineering and conversational logic to achieve sub-500ms API response latency.

### Bachelor of Information Management

Sep 2016 – Apr 2021

*St. Xavier's College (Tribhuvan University), Kathmandu, Nepal*

## AWARDS

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- **Fr. Eugene L. Watrin, S.J. Memorial Award — Student of the Year**, St. Xavier's College — Awarded for academic excellence, leadership, and service.