

SUJAN SHRESTHA

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Full-stack software engineer with experience shipping customer-facing products, backend services, and AI-assisted workflows using React, Next.js, TypeScript, Node.js, and PostgreSQL. Founding engineer with end-to-end ownership across architecture, implementation, CI/CD, deployment, and production iteration in fast-paced environments.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Frontend: React, Next.js, Tailwind CSS, Responsive UI, Component Systems

Backend & Data: Node.js, Express.js, REST APIs, Microservices, PostgreSQL, MongoDB, Supabase

AI & Agentic Development: Claude Code, OpenAI Codex, Cursor, OpenClaw, AI Coding Agents, Prompt Engineering, Tool-Enabled Workflows

Infrastructure: Docker, GitHub Actions, CI/CD, Git, GitHub, Vercel, Railway, AWS, Serverless

EXPERIENCE

Founding AI Engineer | Atsresumie

Jan 2026 - Present

Toronto, ON | Full-time

- Own full-stack product delivery across Next.js/React interfaces, Node.js/TypeScript services, PostgreSQL data models, and third-party integrations.
- Architect REST APIs and modular backend services that support automated resume-generation workflows and future platform growth.
- Built reusable component systems and shared application patterns that accelerate feature delivery and improve consistency.
- Containerized services with Docker and implemented GitHub Actions CI/CD workflows to improve deployment reliability.
- Partner with stakeholders to scope features, evaluate tradeoffs, debug production issues, and ship improvements from concept to release.

Backend Developer | Next Unicorn

Apr 2025 - Oct 2025

Greater Toronto Area, ON | Part-time Contract

- Developed authentication and messaging microservices using TypeScript, Node.js, and Express.js.
- Implemented PostgreSQL data models and Supabase integrations for account and communication workflows.
- Built Docker-based services and collaborated on API integration, debugging, and backend delivery.

Frontend Developer Intern | Dobaato

Jan 2025 - May 2025

Kathmandu, Nepal

- Built responsive customer-facing pages and CMS-integrated experiences using React and Next.js.
- Integrated a Next.js frontend with Django APIs for the Saahitt project and resolved cross-stack issues.

Open Source Developer | StaticMania

Nov 2023 - Dec 2023

Remote

- Contributed UI fixes and usability improvements to Keep React, an open-source React component library and website.

PROJECTS

[NeverComes](#) | Next.js, TypeScript, Supabase, MapLibre, Docker, Python, LangGraph | github.com/darkweb19/nevercomes

Parody commerce platform that recreates browse, cart, checkout, and live delivery tracking while intentionally never completing fulfillment.

- Designed the product specification, system architecture, real-time order model, database strategy, and phased implementation plan.
- Created an AI-assisted engineering setup with Claude Code commands, reusable rules, testing agents, and CI checks.

[Atsresumie](#) | Next.js, React, TypeScript, Node.js, PostgreSQL, Docker | github.com/atsresumie/atsresumie

AI-assisted resume platform that transforms user and job information into structured, job-focused content.

- Built customer-facing flows, backend APIs, reusable UI components, and deployment automation for a live product.

[Outpost](#) | React, Fastify, WebSockets, Docker, xterm.js | github.com/useoutpost-dev/outpost/

Self-hosted browser environment for operating coding-agent sessions inside isolated Docker sandboxes.

- Designed remote terminal access, persistent sessions, sandbox lifecycle management, and agent-configuration experimentation.

EDUCATION & CERTIFICATIONS

Loyalist College in Toronto - Computer Systems Technician (2025 Graduate)