

Jaswanth Chadalavada

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FULL-STACK SOFTWARE ENGINEER | FULL-STACK DEVELOPER | BACKEND SOFTWARE ENGINEER | NODE.JS DEVELOPER

PROFESSIONAL SUMMARY

- **Full-Stack Software Engineer with 6+ years of experience** developing and supporting production web applications, SaaS platforms, backend services, internal tools, and business websites.
 - Build full-stack applications using **JavaScript, TypeScript, Node.js, Express.js, React, Next.js, REST APIs, MongoDB, PostgreSQL, MySQL, and Supabase**.
 - Deliver software across requirements analysis, frontend and backend development, API integration, testing, deployment, monitoring, troubleshooting, and ongoing production support.
 - Manage production applications using **Linux, Docker, NGINX, PM2, Git, GitHub, SSL/TLS, VPS infrastructure, and CI/CD pipelines**.
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TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, PHP, SQL, HTML5, CSS3
 - **Frontend Development:** React, Next.js, Tailwind CSS, shadcn/ui, React Hook Form, Responsive Web Design
 - **Backend Development:** Node.js, Express.js, REST APIs, Authentication, Authorization, Asynchronous Processing, Error Handling, Data Processing, Third-Party API Integration
 - **Databases:** MongoDB, PostgreSQL, MySQL, Supabase, Vector Databases
 - **Cloud and DevOps:** Linux, Docker, NGINX, PM2, CI/CD, Google Cloud Platform, VPS, Vercel, Netlify, SSL/TLS
 - **AI and Integrations:** OpenAI API, Anthropic API, Retrieval-Augmented Generation, Vector Search, Stripe, Slack, Zendesk, Notion
 - **Testing and Development Tools:** Playwright, Git, GitHub, API Testing, End-to-End Testing, Workflow Validation, Release Validation, Application Debugging
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PROFESSIONAL EXPERIENCE

Web Developer

Sleep Country Canada, Ontario, Canada | August 2025 – Present

- Design, develop, deploy, and maintain **SleepNet**, a self-hosted sales operations platform built with React, TypeScript, and Tailwind CSS.
- Consolidate product specifications, cost sheets, pricing, promotional rules, and sales resources into one searchable application.
- Build and maintain **five production tools**: Commission Calculator, Sales Closing Aid, Coupon Generator, Comfort Days Calculator, and Cost Sheet Finder.
- Replace spreadsheet calculations and repeated product lookups with web-based workflows used during daily store operations.
- Develop reusable components, forms, search functions, business calculation logic, validation rules, and responsive interfaces.
- Deploy and operate the platform on a **Linux VPS using NGINX, PM2, SSL/TLS, access controls, and CI/CD processes**.
- Manage releases, configuration updates, user access, production troubleshooting, uptime monitoring, and application maintenance.
- Gather employee feedback, validate calculations, test workflows, and release improvements based on operational requirements.
- Presented SleepNet to Sleep Country's Vice President of Digital Transformation and national digital and data stakeholders.
- Supported daily platform use during a period in which store CPM unit sales increased by **43%, from 61 to 87 units**.

Full-Stack Developer

Let's Thunder Bay Inc., ON, Canada | September 2023 – Present

- Develop full-stack applications, backend services, AI-enabled tools, and business websites for **8 Canadian client organizations** across healthcare, training, construction, food service, and nonprofit sectors.
- Design and implement REST APIs using **Node.js, Express.js, TypeScript, MongoDB, PostgreSQL, MySQL, and Supabase**.
- Build authentication, authorization, data-processing, payment, subscription, automation, and AI-assisted workflows.
- Develop responsive interfaces using React, Next.js, TypeScript, Tailwind CSS, HTML5, and CSS3.
- Integrate OpenAI, Anthropic, Stripe, Supabase, database services, and other third-party APIs into production applications.
- Deploy and maintain applications using **Docker, Linux, NGINX, PM2, Vercel, Netlify, SSL/TLS, and CI/CD pipelines**.
- Test workflows, validate releases, troubleshoot frontend and backend defects, and implement production fixes.
- Translate client requirements into technical specifications, application features, data workflows, and implementation plans.
- Coordinate delivery with marketing, IT, operations, and leadership stakeholders through development, deployment, and post-launch support.
- Prepare technical documentation covering application setup, configuration, workflows, administration, and ongoing support.

Sales Consultant

Sleep Country Canada, Ontario, Canada | August 2023 – August 2025

- Used STORIS ERP/CRM to manage pricing, promotions, product selections, customer orders, and sales documentation.
- Identified gaps in product lookup, promotional rules, and commission calculations, then converted frontline needs into functional requirements for SleepNet.

Web Developer

Kodeac Software Solutions Private Limited, Andhra Pradesh, India | July 2017 – May 2020

- Designed and maintained websites and web applications using WordPress, React, PHP, JavaScript, HTML, and CSS.
- Gathered requirements and translated business needs into website structures, functional features, and technical specifications.
- Developed responsive layouts, forms, landing pages, reusable components, and content-management functionality.
- Configured hosting, databases, DNS, SSL certificates, email, and server environments while maintaining approximately **99% uptime**.
- Managed testing, debugging, third-party integrations, security updates, client support, training, and ongoing maintenance.

SELECTED SOFTWARE PROJECTS

Bodha AI | bodhaai.com

Technologies: Next.js, React, TypeScript, Node.js, OpenAI GPT-4o, RAG, Vector Search, Stripe

- Co-developed a production **multi-tenant SaaS platform** that transforms organizational content into retrieval-augmented AI agents.
- Built ingestion workflows for PDFs, website crawls, Notion content, and raw text, including indexing, retrieval, vector search, response generation, and source citation.
- Integrated AI agents with WhatsApp, Slack, Instagram, Zendesk, and embeddable web widgets.
- Implemented response-confidence scoring, conversation clustering, knowledge-gap reporting, and draft-to-live knowledge versioning.
- Built authentication, team workspaces, role-based workflows, usage metering, lead capture, CRM export, and Stripe subscription billing.

ContentUsher | contentusher.com

Technologies: React, Supabase, Stripe, OpenAI GPT-4

- Developed an AI-assisted content platform with authentication, subscription billing, user permissions, usage limits, and third-party API integrations.
- Built frontend, backend, database, payment, and content-generation workflows while supporting output validation, debugging, and production stability.

SEOAnalyser | seoanalyser.ca

Technologies: Next.js, React, TypeScript, Node.js, MongoDB, OpenAI API

- Developed a backend-driven analysis platform that processes sitemaps containing **hundreds of pages per audit**.

- Built sitemap retrieval, asynchronous page processing, structured audits, error handling, data storage, AI-assisted analysis, and report generation.

EDUCATION

Post-Graduate Diploma in Digital Marketing & Marketing Analytics
Confederation College, Ontario, Canada | January 2021 – August 2022
GPA: 3.75

Bachelor of Engineering in Electronics and Telecommunication Engineering
Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh, India | June 2011 – May 2015
Percentage: 75%