Ta Van Thai

Web Developer Intern

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○ github.com/vanthaita   % portfolio   ⚲ Ho Chi Minh, Vietnam

Professional Summary

Aspiring Full Stack Developer with expertise in TypeScript and JavaScript, specializing in web application development using Next.js and NestJS frameworks. Experienced in AI integration, performance optimization with Redis caching and WebSocket, and implementing modern web technologies. Seeking internship opportunities to expand knowledge in scalable systems, cloud architecture, and software development best practices while delivering impactful solutions.

Education

Bachelor of Information Technology   Expected 2026
University of Information Technology - VNUHCM   *GPA: 3.2/4.0*
Relevant Coursework: Data Structures, Algorithms, Database Systems, Web Development

Technical Skills

Programming Languages:	TypeScript, JavaScript, C++
Frontend Development:	React, Next.js, Vue 3, Tailwind CSS, ShadCN/ui
Backend Development:	Node.js, NestJS, Express, tRPC, REST APIs
Database Technologies:	PostgreSQL, MongoDB, Redis, Prisma ORM
DevOps & Cloud:	Docker, AWS (S3/EC2), CI/CD (GitHub Actions)
Artificial Intelligence:	LLM integration, RAG pipelines
Development Tools:	Git, WebSockets, OAuth, JWT, SEO optimization
Languages:	Vietnamese (Native), English (Limited Working Proficiency)

Professional Experience

Full-stack Developer Intern   **July 2024 – September 2024**

Sun* Vietnam — Research and Development Department

Project: 1ChatClick – Internal ChatGPT Productivity Tool
Technology Stack: TypeScript, Vue 3, NestJS, WXT

- Developed under Agile/Scrum methodology:
  - Delivered features in 2-week sprints
  - Participated in daily standups and sprint retrospectives
  - Maintained 95% task completion rate
- Implemented Google OAuth2 for secure employee authentication
- Created one-click prompt insertion saving 15+ minutes daily per user
- Designed team prompt templates for customer support standardization
- Integrated directly with ChatGPT's UI using DOM manipulation

Projects

PirateSocial - Social Media Platform (Team of 3)   **Sep 2024 - Dec 2024**

github.com/TDevUIT/piratesocial-v2

- **Description:** A full-stack social media platform with real-time chat, post sharing, and user authentication features, built with modular architecture for scalability.
- **Responsibilities:**
  - Led a 3-member team as Project Manager: conducted code reviews, organized weekly meetings, and managed Git workflow.
  - Developed both frontend (Next.js) and backend (NestJS) components using TypeScript.
  - Designed responsive UI with Tailwind CSS and implemented client-side state management.
  - Built RESTful APIs with NestJS, implemented authentication using OAuth2, and optimized performance with Redis caching.
  - Integrated WebSocket (Socket.io) for real-time chat and used PostgreSQL for relational data storage.
  - Deployed media files using AWS S3.
- **Technologies:**
  - **Frontend:** Next.js, TypeScript, Tailwind CSS, Shadcn/ui
  - **Backend:** NestJS, TypeScript, PostgreSQL, Redis
  - **DevOps:** Docker, Git, Turborepo, AWS S3
  - **APIs & Protocols:** REST, WebSocket (Socket.io), OAuth2

BloAI - AI Technology Blog Platform (Team Project)   **March 2025 - Present**

www.bloai.blog

- **Description:** A high-performance technical blog platform focused on AI/ML content, featuring advanced analytics, SEO optimization, and AI-powered content recommendations.
- **Responsibilities:**
  - Full-stack development using Next.js with TypeScript and Tailwind CSS for responsive UI
  - Implemented hosting, deployment (Vercel), and ongoing maintenance with 99.8% uptime
  - Designed performance optimizations achieving 95+ Lighthouse scores (Accessibility, SEO, Performance)
  - Developed SEO strategy including onPage (structured data, meta tags) and offPage optimizations
  - Integrated Gemini AI for content recommendations and NextAuth for authentication
  - Wrote 15+ technical articles on AI topics contributing to platform content
- **Technologies:**
  - **Frontend:** Next.js 14, TypeScript, Tailwind CSS, tRPC, Cloudinary
  - **Backend:** tRPC, Next.js API Routes, PostgreSQL
  - **Auth & AI:** NextAuth.js, Gemini API
  - **SEO Tools:** Next-SEO, Schema.org markup, Google Search Console
- **Achievements:**
  - Achieved top 3 Google rankings for 8+ AI-related keywords
  - Grew platform to 1,000+ visitors within 3 months
  - Reduced page load time by 40% through image optimization and code splitting

RepoMind - AI GitHub Assistant (Solo Project)   **December 2024 - February 2025**

github.com/vanthaita/repomind

- Engineered AI-powered GitHub repository analyzer using RAG (Retrieval-Augmented Generation) pipeline:
  - Fetched repository data via GitHub API, generated embeddings, and stored in Vector Database
  - Enabled context-aware chat for repository-specific Q&A, enhancing developer productivity
- Designed intuitive user interface for repository Q&A with contextual understanding