Thien Tam Nguyen

515-425-8752 | thiennguyentam56@gmail.com | linkedin.com/in/thien3110 | github.com/thien-nguyen3110

EDUCATION

Iowa State University Expected May 2027

B.S. in Computer Science and Data Science (GPA: 3.5/4.0) *Ames, IA*

- **Awards: Top 3** Web Developer out of **45** teams (WorkApp Capstone).
- **Coursework:** Data Structures and Algorithms, Database Management, Operating Systems, Cloud Computing, Software Testing, Machine Learning, System Design.

Experience

CityBite Sep 2025 – Dec 2025

Software Development Intern *Ho Chi Minh City, VN*

- Engineered **food discovery and reservations platform** using **Node.js/Express** and **MongoDB**, supporting **1,000 users** and confirming bookings in less than **1 min** during peak traffic.
- Deployed autoscaling API services on **GCP Cloud Run**, reducing p95 request latency by **35%** and improving reliability via structured logs, alerts, and error budgets in a 2-person team.
- Optimized browse and checkout UX using **Vue.js**, improving Lighthouse LCP by **40%** through caching, code-splitting, and route-level performance tuning.
- Implemented **AI-driven recommendations** using **Google OAuth** and **Stripe**, integrating Google Maps Places to support **100 bookings/day** with secure token handling and fraud-aware validation.

FPT Corporation May. 2025 – Aug 2025

Software Engineer Intern *Da Nang, VN*

- Engineered **full-stack e-commerce platform** using **Next.js** and **MongoDB**, enabling secure browsing and checkout at **6,000 requests/day** peak traffic with stable sessions.
- Optimized storefront performance using **Next.js**, reducing page load latency up to (**30%**) via image optimization, caching, and critical-render-path fixes.
- Implemented payment and webhook processing using **Stripe Webhooks** and **MongoDB**, validating stability at **2,000 RPS** via **k6** load tests under burst traffic patterns.
- Automated **CI/CD quality gates** using **GitLab CI/CD**, maintaining **80%** coverage and reducing post-release bugs by **15%** through unit/regression suites and release checks.

Iowa State University Jan 2024 – Dec 2024

Undergraduate Teaching Assisstant *Ames, IA*

- Mentored **DSA debugging support** using **Java** and **Python** for ∼**30** students/week, reducing average time-to-fix by **15 min** per assignment.
- Automated **grading and edge-case validation** using **Python**, reducing evaluation turnaround time by **40%** while improving feedback consistency and rubric alignment.

PROJECTS

ShopAholic | *Next.js, Node.js/Express, AWS, Docker, MongoDB* Jan 2025

- Deployed **end-to-end e-commerce system** on **AWS EC2** with **Docker** and **GitLab CI/CD**, enabling releases in **2 min** for **100 users** with safe rollbacks via **Amazon ECR**.
- Instrumented **Stripe webhook pipeline** using **AWS Lambda** and **CloudWatch**, sustaining **1%** failure rate with **1 min** detection and adding **Bedrock chatbot** for **30 questions/day**.

WorkApp | *Java, Spring Boot, MySQL, WebSocket, GitLab CI/CD* Aug 2024

- Architected **HR management system** using **Spring Boot** and **MySQL**, modeling **40+** tables with RBAC and reducing data inconsistency incidents by **50%** for ∼**100** employees.
- Implemented real-time chat and notifications with **WebSocket** and shipped **40+** REST endpoints via **OpenAPI**, reducing deployment toil by **15%** through **GitLab CI/CD** gates.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript/TypeScript, SQL, HTML/CSS, R
Frameworks: Spring Boot, Node.js/Express, Next.js, React, Tailwind CSS, Vue.js, Stripe API
DevOps/ Data: AWS EC2, Jenkins, GCP Cloud Run, Docker, GitLab CI/CD, AWS ECR, MySQL, MongoDB
Testing & Cloud: JUnit, Mockito, k6 (Load Testing), Postman, Vercel