

THANE TATE

Dallas, TX | 940-597-6556 | thanetate1@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of North Texas

Expected Graduation - May 2026

Bachelor's degree in Computer Science - Minor in Mathematics

GPA - 3.5

Courses - Software Engineering, Foundations in Computing, Data Structures and Algorithms, Operating Systems

EXPERIENCE

Mapo | [Website](#) | [GitHub](#)

August 2024 - Present

Software Engineer

Go | Bash | PostgreSQL | RESTful API

- Collaborated with a senior software engineer on his personal project Mapo, assisting in feature implementation.
- Designed and implemented a folder management feature, creating controller, service, and model files in Go that interacted with a PostgreSQL database.
- Developed unit tests in Bash to validate CRUD operations, enhancing code reliability and functionality.

Andy B's Entertainment

January 2024 - Present

Technician

- Diagnosed and resolved software and hardware issues with bowling lanes and arcade games, applying troubleshooting techniques that mirror the debugging processes in software development.
- Collaborated with team members for timely technical issue resolution, strengthening communication and teamwork.

PROJECTS

Theory Climbing | [Website](#) | [GitHub](#)

E-Commerce Platform

Next.js | TypeScript | MongoDB | Vercel

- Developed a full-stack e-commerce application, featuring secure user authentication and PayPal integration.
- Implemented MongoDB with Atlas for scalable cloud-based data storage, enhancing performance and accessibility.
- Enhanced websites with SEO, responsive design, multi-platform, and hosting support, ensuring accessibility across all browsers and devices, increasing traffic by 25%.

Reading Realm | [GitHub](#)

Social Platform for Book Lovers

React.js | Node.js | Express | MongoDB

- Worked with a team of 4 in developing a social platform, implementing features like book recommendations, interactive reading logs, and customizable user profiles.
- Held regular meetings with customers to gather feedback and ensure our project remained aligned with their needs.
- Managed project tasks and planned sprints in ClickUp using Agile methodologies to keep the team organized.

Library Management System | [GitHub](#)

Loan Management Software

C++ | Makefile

- Led a team of 3 in creating a library loan management system, applying advanced object-oriented programming principles for modular and maintainable code.
- Developed a system to track loans, manage inventory, and record patron details, streamlining operations and efficiency.
- Used Scrum / Agile methodologies, guiding the team through sprints and ensuring timely delivery.

TECHNICAL SKILLS

Languages & Frameworks | C / C++, JavaScript, TypeScript, Go, Next.js, React.js, Node.js, HTML/CSS

Databases | PostgreSQL, MongoDB

Developer Tools | Git / GitHub / GitLab, Visual Studio, Jira, ClickUp, Supabase, Infisical, Vercel, Figma