Ethan Townsend

Software Engineer | Backend Developer

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ABOUT ME

Ambitious and innovative software engineer focused on backend development, building scalable applications that solve real business problems. Bringing strong technical execution, attention to detail, and a proactive approach to delivering reliable, production-ready systems.

SKILLS

Proficient: Java | TypeScript | React | Next.JS | JavaScript | Python | C# | .NET | Postman | Git/GitHub | Firestore/Firebase
Intermediate: C++ | SQL/SQL Server | Docker/Docker Compose | MongoDB | Neo4J | Flutter | Blazor
Actively Learning: Kafka | Nginx | AWS/AWS Transform |
Durable Skills: Technical problem solving | System design | debugging and troubleshooting | collaborative development | Written & Verbal communication

EXPERIENCE

TrueMark.io
Software Developer Intern   **January 2026—Present**
- Supported a custom .NET modernization project by using AWS Transform and Kiro to analyze legacy application code and dependencies, migrate them to modern .NET versions, and validate upgraded builds, ensuring successful compilation and functional compatibility during the transition.

Neumont University
Student Coach, Peer Tutor   **April 2024—August 2025**
- Mentored computer science students in introductory programming and object-oriented coursework, reinforcing core concepts and improving assignment performance through targeted one-on-one guidance.

PROJECT

Portfoli-YOU *(portfoliyou.snxethan.dev)*
Personal Portfolio Website Creator Application   **August 2025—Present**
- Designed and developed a desktop portfolio builder that enables drag and drop website creation and deployment, implementing React and TypeScript frontend features and integrating backend services for authentication and data storage. Defined application architecture and built live preview, static export, and deployment workflows to support scalable, end-to-end portfolio publishing.

Portfolio *(ethantownsend.dev)*
Personal Portfolio Website   **April 2024—Present**
- Designed and developed a personal portfolio website showcasing skills, certifications, experience, and projects, implementing a React and TypeScript frontend with backend integration for authentication, data storage, and API calls, and creating a modular section card-based UI.

CERTIFICATIONS

IT Certifications: Cybersecurity (2023), Network Security (2023), Computational Thinking (2022), Arizona Technical Skills Certified (2021)

EDUCATION

Neumont University
Bachelor of Science in Computer Science   **October 2023—Present**
- Expected to graduate with honors, summa cum laude
- United Student Government (YSG) Vice President | Student Ambassador | Student Coach, Peer Tutor

Mohave Community College
Dual Enrollment Credits   **August 2021—November 2022**
- Enrolled whilst taking my high school CS curriculum, earning dual enrollment credits.

Lake Havasu High School
High School Diploma, Computer Science CTE 4-year Course, IT Certifications   **August 2019—May 2023**
- Completed a four-year computer science curriculum covering programming fundamentals and gained certifications.