Ethan Flow

(541) 255-8118 | eflow1280@gmail.com | linkedin.com/in/ethanflow | github.com/MrF1ow | ethanflow.dev

EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Computer Science   *June 2025*
- **GPA: 3.85**

EXPERIENCE

Implementation Consultant   Aug. 2025 – Dec. 2025
FAST Enterprises   *Des Moines, IA*
- **Partner with government agencies** to assess operational needs, configure systems, and deliver tailored software solutions
- **Develop, test, and deploy system functionality** using tools such as **C# .NET, and PostgreSQL** to meet client specific requirements
- **Troubleshoot and resolve technical issues**, ensuring smooth project delivery, clear client communication, and adherence to data confidentiality policies

Job Site Supervisor / Lead Mover   Aug. 2023 – Jul. 2025
Beaver Town Movers   *Corvallis, OR*
- **Supervised** and directed members to perform job site duties
- Ensured **clear communication** with customer and members to ensure job site fluidity and efficiency
- Maintained a safe and **collaborative** work environment

Software Engineering Fellowship   July. 2024 – Sept. 2024
Headstarter AI
- Built various **AI projects** utilizing **Next.js** and various **AI models**
- Engaged in hands-on coding and **collaborative** projects, enhancing **problem-solving skills** and **teamwork**.
- Received mentorship and real-time feedback from industry professionals, improving my **technical skills**.

PROJECTS

Foodable | *Go, PostgreSQL, Next.js, React, TypeScript, Docker, Tailwind*
- **Developing a backend-driven food social platform** with users, recipes, posts, and social interactions
- **Designing relational PostgreSQL schemas** for follows, feeds, likes, and comments with transactional consistency
- **Implementing REST API in Go** for content creation, feed retrieval, and external service consumption
- **Planning integrations with third-party delivery services** (e.g., DoorDash) to link social food content with real-world ordering

Playlist Partner | *React, TypeScript, Node.js, Vite, MongoDB, Redux, Axios*
- Developed a **full-stack** application for filtered playlist creation from existing playlists using the **Spotify API**
- Designed and integrated a **MongoDB-backed data layer** to persist user sessions, playlist metadata, and filtering preferences
- Used **Axios** to handle HTTP requests to backend **serverless** API functions

Flashcard AI | *React, Typescript, Next.js, Node.js, Tailwind, Firebase, Clerk.js, Stripe, OpenAI*
- Developed **Full Stack** application for flashcard generation through a custom **REST API** layer leveraging OpenAI, Next.js, and React
- Integrated user **authentication** and route protection utilizing **Clerk.js**
- Implemented pricing options and payment methods with **Stripe**

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go, SQL, Python, C/C++, C#, PHP, HTML, CSS, Kotlin

Frameworks & Libraries: React, React Native, Next.js, Node.js, Vue.js, Express.js, Tailwind, .NET, Flask, Jest

Databases & Cloud Services: PostgreSQL, MongoDB, MySQL, AWS, Supabase, Firebase

Developer Tools: Docker, Linux, Git, Github Actions, Cypress, Android SDK