

Summary

CS graduate and emerging full-stack developer with a hands-on approach and deep curiosity. Experienced in React, TypeScript, and Python, with projects spanning real-time apps, developer tooling, and ML pipelines. Flexible working across the stack. Passionate about shipping fast, iterating often, and building useful, well-crafted software.

Technical Skills

Languages	Python, JavaScript, TypeScript, HTML, CSS, SQL, Bash
Frontend	React, Next.js, Vite, Tailwind CSS, Responsive Design
Backend	Node.js, Express, Django, REST APIs, WebSockets
ML/AI	YOLO, TensorFlow, PyTorch, OpenCV, LangGraph
DevOps / Tools	Git, Docker, GitHub Actions, CI/CD, Render, Vercel, Modal

Experience

- 2024–Present **Junior ML Engineer**, *Hyprchs (Remote)*,
- Built Python pipeline for synthetic data generation, accelerating ML development
 - Trained 25+ YOLO models, improving object detection accuracy to 97
 - Scaled training on Modal's serverless infrastructure to overcome local compute constraints

Projects

Featured Projects

- 2025 **ChessLink – Real-Time Chess Server**, *TypeScript, WebSockets*,
- Developed multiplayer chess API with real-time WebSocket sync and FEN-based state management
 - Built React frontend and deployed backend on Render with full integration docs
- 2024 **Developer CLI Tools**, *Python, DevOps, Automation*,
- **CodeLibre**: AI-powered Git CLI using LangGraph + Claude API for smart commit generation
 - **Headerizer**: CLI tool for inserting language-aware headers in source files
 - **Bonsai**: Git-aware visual directory tree visualizer with `.gitignore` support
- 2024 **UPlant – Garden Management App**, *React Developer, Team of 4*,
- Led frontend development using React, Context API, and custom hooks
 - Designed dynamic UI components for plant grid, logs, and alerts
 - Integrated with Django backend over REST and collaborated in Agile sprints
- 2024 **Portfolio Website**, *Next.js, Tailwind CSS*,
- Built SEO-optimized portfolio with ISR/SSG, custom components, and mobile-first design
 - Integrated GitHub activity, analytics, and deployed to Vercel with custom domain

Education

- May 2025 **B.S. Computer Science**, *University of Wisconsin–Milwaukee*, Milwaukee, WI
GPA: 3.33
Honors: Dean's List (Fall 2024, Spring 2025)
Relevant Coursework: Machine Learning, Operating Systems, Algorithms, Software Eng.

Community + Extras

- Open Source Actively contributing to open-source projects with a focus on UI extensibility and ML adjacent efforts
- Hackathons Built *Unsubify* at MadHacks 2024 – smart email unsubscribe tool using OAuth 2.0 + pattern matching
- Volunteering Bartender at "Rally on the Runway" fundraiser for Haiti education (Fond Blanc Foundation)

Interests

AI/ML for real-world systems, developer productivity tooling, endurance sports (Ironman, marathon running), cycling, hiking.