

PRESTON FOX

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GitHub: github.com/Hauh4444 • Portfolio: [View Portfolio](#)

SUMMARY

Software engineering student focused on full-stack development. I build real-time web apps, secure backends, and scalable APIs using JavaScript, Python, and Rust. Experienced with third-party integrations, databases, and team-based projects.

SKILLS

Languages: JavaScript, TypeScript, Python, Rust, Java, HTML, CSS, SASS, SQL, PHP

Frameworks/Technologies: React, React Native, Vue, NodeJS, Flask, Django, Tailwind CSS

Databases & Tools: Supabase, MySQL, SQLite, PostgreSQL, MongoDB, Docker, Git, GitHub

Other Skills: Agile Development, Problem Solving, Team Collaboration, Adaptability

PROJECTS

Auction House & E-commerce System

Full Stack Developer | React, Flask, MySQL, Stripe, PostHog, MailerSend, Socket.IO

[GitHub Repo](#)

- Built a real-time bidding and purchasing system with React, Flask, and MySQL for **50+ concurrent users**.
- Developed admin and user dashboards for managing listings, bids, purchases, and support tickets.
- Implemented real-time chat with Socket.IO.
- Integrated Stripe, PostHog, and MailerSend, sending **500+ test notifications** reliably.
- Added role-based access and admin tools for listing approvals and ticket management.

Knowledge Hub

Full Stack Developer | React, TypeScript, Supabase, PostgreSQL, Tailwind CSS

[GitHub Repo](#) | [Live Demo](#)

- Built a collaborative knowledge platform with React and Supabase, supporting **100+ concurrent tasks**.
 - Developed resources, bookmarking, real-time collaboration, and smart search features.
 - Implemented Supabase Auth with protected routes and row-level security for secure, user-isolated data.
 - Developed a responsive, mobile-first interface optimized for WCAG and **10+ browsers**.
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EDUCATION

Bachelor of Software Engineering, Computer Science

Indiana University of Pennsylvania (IUP)

Expected Graduation: December 2025

GPA: 3.3

Relevant Coursework: Data Structures & Algorithms, Software Engineering Practice, Web Architecture & Application Development, Artificial Intelligence, Unix Systems

ADDITIONAL EXPERIENCE

Inventory Associate

Retail Services WIS Cooperation

June 2022 - Present

Elmira, New York

- Conducted inventory audits across **250+ Walmart and Sam's Club locations** throughout the **Northeastern U.S.**, ensuring **99% accuracy** under tight deadlines.
- Collaborated with cross-functional teams, often **supporting 3+ divisions simultaneously**, streamlining inventory processes and reducing errors.
- Contributed to team performance that ranked **#1 company-wide for two consecutive years**, recognized for speed, accuracy, and collaboration.
- Developed transferable skills relevant to software development, including **process optimization, data management, and attention to detail**.