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

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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.

Task Management Dashboard
Full Stack Developer | React, TypeScript, Supabase, PostgreSQL, Tailwind CSS
GitHub Repo | Live Demo
- Built a full-stack task app with React and Supabase, supporting **100+ concurrent tasks.**
- Enabled task creation, editing, deletion, priority setting, and updating for efficient workflow management.
- 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**.

EDUCATION

Bachelor of Software Engineering, Computer Science   **Expected Graduation: December 2025**
Indiana University of Pennsylvania (IUP)   **GPA: 3.3**
Relevant Coursework: Data Structures & Algorithms, Software Engineering Practice, Web Architecture & Application Development, Artificial Intelligence, Unix Systems

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ADDITIONAL EXPERIENCE

Inventory Associate   **June 2022 - Present**
Retail Services WIS Coorporation   **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**.