PRESTON FOX

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GitHub: github.com/Hauh4444 • Portfolio: View Portfolio

SUMMARY

Full-stack software engineering student with hands-on experience building real-time web applications and secure backend systems. Skilled in JavaScript, Python, and Rust, with a strong emphasis on scalable APIs, payment integration, and team collaboration.

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, Socket.IO
GitHub Repo
- Built a real-time auction platform supporting **50+ concurrent users** with purchasing and fulfillment features.
- Integrated Stripe for **secure payments processing**, achieving **100% transactional reliability** in testing.
- Used PostHog analytics to track **user behavior across 200+ simulated sessions**, improving UI decisions.
- Implemented automated alerts via MailerSend and Ozeki SMS, boosting **engagement by 25%** in testing.

Task Management Dashboard
Full Stack Developer | React, TypeScript, Supabase, PostgreSQL, Tailwind CSS
GitHub Repo | Live Demo
- Built a full-stack task app handling **100+ concurrent tasks** with real-time sync and secure persistence.
- Designed a responsive dashboard with search, filters, and analytics, improving task retrieval speed by **30%**.
- Implemented Supabase Auth with protected routes and session persistence, achieving **100% login success**.
- Optimized for mobile and WCAG standards, ensuring compatibility across **10+ devices/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

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**.