

Preston Fox

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Portfolio: <https://master.dkk2r8gyg6f9u.amplifyapp.com/>

SUMMARY

Software engineering student with experience in full-stack web development, backend systems, and software architecture. Skilled in building cross-platform applications and seeking to contribute to impactful projects.

PROJECTS

Auction House & E-commerce System • <https://github.com/Hauh4444/Auction-House>
Web Application | ReactJS, SASS

- Designed and implemented a responsive web application using React and SASS, providing a seamless user experience for browsing, bidding, and purchasing items through a real-time auction interface.

Backend Server and Database | Flask, Python, MySQL

- Developed a Flask-based backend connected to a MySQL database to manage user accounts, product listings, bids, transactions, and order fulfillment with secure API endpoints.

Third-Party Integrations | PostHog, Stripe, MailerSend, Ozeki SMS

- Integrated PostHog for user behavior analytics, Stripe for secure payment processing, MailerSend for transactional email notifications, and Ozeki SMS for real-time SMS alerts, enhancing user engagement and operational efficiency.
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NON-TECHNICAL EXPERIENCE

Inventory Associate

June 2022 – Present
Elmira, New York

Retail Services WIS Corporation

- Performed inventory functions in a travelling environment to correct inventories of various supermarket chains.
 - Operated hands-on inventory counting services alongside backend customer communications and inventory management.
 - Operated within the Walmart/Sams Club division and often assisted other teams within all divisions of the company.
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EDUCATION

Bachelor of Software Engineering, Computer Science

Aug 2022 – Present
GPA: 3.3

Indiana University of Pennsylvania (IUP)

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| • Object Oriented & GUI Programming | • Intro to Database Management Systems |
| • Assembly Language Programming | • Software Engineering Practice |
| • Data Structures & Algorithms | • Web Architecture & Application Development |
| • Theory of Computation | • Unix Systems |
| • Artificial Intelligence | • Discrete Mathematics |
| • Computer Architecture | • Probability & Statistics |
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SKILLS

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

Frameworks/Technologies: Ajax, React, Vue, Flask, Django, Node.js, jQuery

Tools: Visual Studio, VS Code, JetBrains, Eclipse, Git, GitHub, MySQL

Other Skills: Adaptability, Collaborative Teamwork, Problem Solving Abilities, Agile Methodology