

COLLIN PFEIFER

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EDUCATION

Indiana University

B.S. Clinical Psychological Sciences and Computer Science *GPA: 3.85*

Bloomington, Indiana

August 2021 - May 2024

WORK EXPERIENCE

Bloompass

Co-Founder

Bloomington, Indiana

June 2023 - Present

- Developed MVP of Bloompass, employing Remix.js for front-end and orchestrating microservice architecture back-end via API gateway, Google Cloud-hosted Docker containers, CockroachDB for 100% uptime, and auto-scaling for high-demand scenarios.
- Architected, managed, and executed end-to-end software lifecycle for Bloompass and its website, ensuring completion within ambitious 3-month timeframe.
- Led design, development, deployment, and ongoing maintenance efforts, showcasing expertise in software engineering, project management, and rapid delivery.

Indiana University Bloomington

Project Management/Software Engineer Intern

Bloomington, Indiana

October 2021 - Present

- Developed metrics dashboard using Next.js and Node.js at CACR's OmniSOC, hosted on Google Cloud Platform, enhancing client access to relevant data securely and efficiently, reducing time spent by over 33% compared to previous methods.
- Created open-source Python tool converting Nessus Scan CSV to PDF, streamlining data legibility and saving 5+ hours/month; later automated the process, saving an estimated 20+ hours/month.
- Orchestrated and led weekly meetings with interns and leadership, producing agendas and composing proposals for software tools, elucidating stakeholders, software needs, permissions, cost, and timeline.

Freelance

Software Development Consultant

Bloomington, Indiana

October 2021 - Present

- Freelance web developer in Indianapolis and Bloomington, constructing e-commerce platform for local embroidery business, fostering 200% surge in client leads.
- Crafted professional portfolio websites for students, helping grow their careers and professionalism, demonstrating proficiency in design, architecture, and development.
- Led end-to-end creation of a 360+ hour cross-system mobile app for local startup KLIQ, utilizing React Native, Node.js, GraphQL, MongoDB, and Apollo GraphQL, enhancing event popularity, security, and user retention around Indiana University Campus. Employed Gatsby and React for front-end, and Node.js, Apollo GraphQL, and MongoDB for back-end.

Fusion92

Dev Ops/Software Engineer Intern

Chicago, Illinois

November 2020 - May 2021

- Managed deployment and upkeep of Azure web services for diverse clients, encompassing web applications, cloud storage, and DNS zones, helping decrease downtime by 30%, and increase ease for international clients.
- Enhanced security aspects across various Vue.js and Express.js web apps and APIs, particularly on high-traffic PHP backend of a site attracting over 1,000,000 annual visits.
- Contributed to maintaining seamless operation, scalability with Docker, and robust security measures for critical web services, reflecting a focus on performance and user experience.

SKILLS

Programming Languages:	TypeScript, JavaScript, Java, Python, C, C++, R
Frameworks:	React.js, React Native, Gatsby.js, Next.js, Express.js, Node.js, GraphQL, Apollo
Databases:	MongoDB, MySQL, CockroachDB, Firestore, Redis
Soft Skills:	Time Management, Creative, Quick Learner, Feedback Seeking, Team Cooperation
Programming Concepts:	Fullstack Development, REST APIs, Microservice Architecture, OOP
Management Skills:	Communication, Leadership, Proposal Writing, Easy to Work With