| **Jonathan P. Perry** | Farmington, MI 48336  248-220-9210  jpper@umich.edu |
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**Professional Summary**

Experienced Software Engineer with over 6 years of expertise in front-end, back-end, and full-stack development, delivering high-performance solutions across industries. Skilled in JavaScript, React, Node.js, and cloud technologies like AWS and Azure. Adept at leading complex migrations, optimizing CI/CD pipelines, and building dynamic user experiences. Passionate about clean, maintainable code and eager to contribute to a collaborative engineering team.

**Certifications**

* **AWS Certified Developer – Associate (2024)** [View Certification](https://www.credly.com/badges/54c92e10-74af-41f7-b1f5-db8bbab638fb)
* **AWS Certified Solutions Architect – Associate (2024)** [View Certification](https://www.credly.com/badges/42c8b086-cfc9-4b55-8f13-756331c59587)
* **AWS Certified Cloud Practitioner (2024)** [View Certification](https://www.credly.com/badges/7c981510-15ac-4a48-9088-b2bcb5c5c291)
* **Microsoft Azure Fundamentals (AZ-900)** [View Certification](https://learn.microsoft.com/en-us/users/jonathanperry/credentials/f475529ff0ba8882)
* **IBM Artificial Intelligence Fundamentals (2024)** [View Certification](https://www.credly.com/badges/ca1aa472-4cab-47b5-8f1e-f46f9602b0e0)

**Certifications In Progress**:

* AZ-104: Microsoft Certified Azure Administrator Associate
* AZ-305: Microsoft Certified Azure Solutions Architect Expert
* AI-900: Microsoft Certified Azure AI Fundamentals
* AWS Certified Developer – Professional
* AWS Certified Solutions Architect – Professional
* SAFe Agile Principles and Practices

**Work Experience**

**Sales Representative, Ripple Fiber** — Dec 2024–Jan 2025

* Partnered with the marketing team to optimize the customer onboarding portal, enhancing usability and increasing customer activation rates by 15%.
* Conducted A/B testing on web pages to improve conversion rates, leveraging customer feedback to propose updates that increased user satisfaction scores by 20%.
* Gained hands-on experience with tools like Google Analytics, Figma, and basic HTML/CSS for prototyping.

**Checker, H-E-B** — April 2024–July 2024

* Provided excellent customer service and collaborated with team members to ensure smooth daily operations.
* Maintained high levels of efficiency and attention to detail in a fast-paced environment.

**Software Engineer 2, Ziff Davis Shopping** — Aug 2023–Oct 2023

* Developed enhancements for high-traffic ecommerce platforms, improving SEO efficiency by 50%.
* Utilized PHP, Laravel, and Alpine.js to implement features and optimize applications across the portfolio.  
  Stack: PHP, Laravel, Alpine.js

**Software Engineer, Give and Take, Inc.** — Jan 2022–June 2023

* Led a migration to Rails 6, reducing load times by 50% and improving mobile app performance.
* Streamlined CI/CD pipelines by integrating Docker with AWS, significantly accelerating deployment times.  
  Stack: React, Ruby on Rails, Redux, AWS, Docker

**Software Engineer, Rakuten Group, Inc. (Japan)** — 2021

* Developed front-end features for Rakuten's platform, utilizing JavaScript and React to improve user experience.  
  Stack: JavaScript, React, AWS

**Software Engineer, Mighty Craft, K.K. (Japan)** — 2019–2020

* Built a hybrid mobile application for a cosmetics company, enhancing cross-platform user experience.
* Contributed to the front-end design and functionality of multiple mobile game projects.  
  Stack: Ionic Framework, Angular, PHP, Laravel, React Native, JavaScript

**Software Engineer, Fuji TV Lab (Japan)** — 2019

* Designed and developed interactive media applications to improve user engagement on Fuji TV’s digital platforms.
* Contributed to a content delivery system, enhancing streaming performance.  
  Stack: JavaScript, HTML, CSS

**Software Engineer 2, Northrop Grumman** — Jan 2017–Sep 2017

* Developed a custom DSL, reducing simulation training time by 25%.
* Installed and configured Atlassian tools (JIRA, Bitbucket) to optimize project management in a secure DevOps workflow.  
  Stack: C#, Qt, DevOps tools

**Software Engineer 1, Harris Corporation** — June 2015–Dec 2016

* Developed SkyFusion, an Angular web application for air traffic management, using the SWIM data exchange protocol.
* Created an automated testing framework in Python to validate communication radios.
* Designed and developed an embedded radio system in C++, including its mobile controller in Android Studio.  
  Stack: Angular, Python, C++, Android Studio

**Technical Skills**

**Programming Languages**

* JavaScript, Node.js, Java, C#, C++, Python, PHP, HTML, XML, CSS, SQL

**Libraries & Frameworks**

* React, Redux, Vue, Angular, Material UI (MUI), SvelteKit, Tailwind CSS, Alpine.js

**Database Management Systems**

* PostgreSQL, MySQL, SQLite

**Cloud Tools**

* AWS, Kubernetes, Docker, Azure, GCP

**Application Development Tools**

* Visual Studio / VS Code, Jira, Git, Android Studio, Bitbucket, Docker

**Other Software**

* Unreal Engine, Unity, MATLAB, AI LLM Training, Microsoft Office

**Education**

**B.S.E. in Computer Science and Engineering**

**University of Michigan-Ann Arbor**

***GPA: 3.22 (Cum Laude)***

**Upper-Level Electives:**

* **EECS 484: Database Management Systems**Focuses on the principles of relational database design and implementation. Topics include SQL, query optimization, indexing, transaction processing, and concurrency control.
* **EECS 481: Software Engineering**Covers software development methodologies (e.g., agile, waterfall), requirements analysis, design patterns, testing, and maintenance with an emphasis on building large-scale software systems.
* **EECS 492: Introduction to Artificial Intelligence**Provides an overview of core AI concepts such as search algorithms, logic-based reasoning, probabilistic models, machine learning, and natural language processing.
* **EECS 493: User Interface Development**Focuses on designing and implementing user-friendly interfaces, with attention to human-computer interaction principles, usability, and modern front-end technologies.

**Ongoing Personal Projects**

*Showcasing capabilities (2020 to present)*

Github: <https://github.com/jonathanpperry>

* **Flowmazon (E-commerce):** Concept Amazon clone that allows you to browse a project catalog, add items to cart, and merge carts from anonymous to authenticated user. Purpose is to showcase a beautiful user interface.  
   – Flowmazon Link: [nextjs-ecommerce-app-chi.vercel.app](https://nextjs-ecommerce-app-chi.vercel.app)
* **Personal Portfolio:** Portfolio site built using Svelte and Tailwind. Showcases personal projects and sleek design.  
   – Website Link:[jonathanperry.info](http://jonathanperry.info)

– GitHub Link:https://github.com/jonathanpperry/awesome-portfolio-sveltekit

* **Tech Portfolio:** Portfolio site built using Next.js, React Three Fiber, EmailJS, React Hook Form, Framer-motion animations, and Sonner. Features a magic theme, and features an audio toggle, Github statistics integration, and animations on each page.  
   – Website Link:[jonathanperry.tech](http://jonathanperry.tech)

– GitHub Link:<https://github.com/jonathanpperry/wizard-frontend-portfolio>