



## Certifications

**AWS Certified Developer - Associate** certification (2024)

Link: <https://www.credly.com/badges/54c92e10-74af-41f7-b1f5-db8bbab638fb>

**AWS Certified Cloud Practitioner** certification (2024)

Link: <https://www.credly.com/badges/7c981510-15ac-4a48-9088-b2bcb5c5c291>

**IBM Artificial Intelligence Fundamentals** certification (2024)

Link: <https://www.credly.com/badges/ca1aa472-4cab-47b5-8f1e-f46f9602b0e0>

**Pursuing - AWS Certified Solutions Architect - Associate** (Expected 2024)

**Pursuing - AWS Developer - Professional** (Expected late 2024)

Studying **SAFe Agile** concepts, principles, and practices of the Scaled Agile Framework

## Technical/Language Skills

Programming		
▪ JavaScript	▪ C#	▪ HTML
▪ Angular.js	▪ C++	▪ XML
▪ Node.js	▪ Python	▪ CSS
▪ Java	▪ PHP	▪ SQL
Programming Libraries/Frameworks		
▪ Redux	▪ Pandas	▪ React
▪ Vue	▪ Tailwind CSS	▪ Alpine.js
▪ Material UI (MUI)		
Database and Cloud Tools		
▪ MySQL	▪ PostgreSQL	▪ SSH
▪ AWS Cloud	▪ Kubernetes	▪ Pivotal CloudFoundry
▪ Figma		
Application Development Tools		
▪ Visual Studio / VS Code	▪ Git	▪ Bitbucket
▪ Jira	▪ Android Studio	▪ Docker
Other Software Proficiencies		
▪ Microsoft Office	▪ Matlab	▪ Unity
▪ Unreal Engine	▪ AI LLM training	

## Work Experience

**PURSuing CERTIFICATIONS** (see above)

Nov 2023 - Current

### SOFTWARE ENGINEER II

**Ziff Davis Shopping**

Aug 2023-Oct 2023 (3 months software development)

Ziff Davis is a vertically focused digital media and internet company whose portfolio includes leading brands in technology, shopping, gaming and entertainment, connectivity, health, cybersecurity, and martech.

- On the Workshop Team, developed in PHP, Laravel, Alpine.js and other technologies delivering improvements to offers.com, blackfriday.com, and other apps in the Ziff Davis portfolio. Increased SEO (Search Engine Optimization) efficiency by up to 50% using Google Tag Manager.
- Attended daily standups, reviewed JIRA backlog, and used issues integrated into GitHub pull requests to manage daily tasks.

**SOFTWARE ENGINEER****Give and Take, Inc.**

Jan 2022-June 2023 (1.5 years software development)

Give and Take is a knowledge collaboration platform utilizing the principles of generalized reciprocity and the proven methods of the Reciprocity Ring.

- Delivered bug fixes and updates on the Givitas software application, moving the user interface to a modern and updated look and feel. Migrated the flagship product from Rails 4 to 6, updated the Cordova mobile app and improved the CI/CD pipeline on AWS.
- *Stack:* React front-end, Ruby back-end (PostgreSQL DB), Redux, AWS infrastructure, Docker

**WORK IN JAPAN****Various Companies**

2018 to 2021 (2.5 years software development)

Lived and worked in Japan on a work visa.

*Work titles and Companies included:*

- Applications Engineer for Rakuten Group, K.K. (5 months 2021)
- Software Engineer for Mighty Craft, K.K. (18 months 2019-2020)
- Software Engineer for Fuji TV Lab (8 months 2019)
- Assistant Language Teacher (Joytalk, K.K. for 7 months 2018-2019)
- English Instructor (English Café Clock for 3 months 2018)

*Software Projects:*

- Developed application as a Front-End Engineer in the Data Platform Department, working in the Platform Development Group for Rakuten Group, Inc. (a leading global company that contributes to society by creating value through innovation and entrepreneurship).
- Developed a hybrid mobile application for cosmetic company Mighty Craft (a mobile game development, mobile, and web solution services company).
- Wrote an employment engine cross-platform mobile application to display job openings for Fuji TV Lab (a former subsidiary of Fuji TV that ran and operated Japan Info), a website sharing useful advice and articles in various foreign languages to promote a better lifestyle and provide guidance for foreigners in Japan.

**SOFTWARE ENGINEER 2****Northrop Grumman**

Jan 2017-Sep 2017 (9 months software development)

Northrop Grumman (one of the largest Government/Defense contractors with \$30B in annual revenue) solves the toughest problems in space, aeronautics, defense and cyberspace to meet the ever-evolving needs of its customers worldwide.

- Supported a DevOps workflow by installing and configuring JIRA and other Atlassian tools for use in a secure, locked-down environment.
- Developed a custom DSL (Domain-Specific Language) to implement a lab simulation platform (C++/Qt) to simulate how a relevant aircraft would be navigated in a real-life environment.
- *Stack:* DevOps tools (JIRA, Bitbucket), C#, Qt

**SOFTWARE ENGINEER I****Harris Corporation**

June 2015- Dec 2016 (1.5 years software development)

Harris Corporation (now L3Harris Technologies, as of 2019 is one of the largest Government/Defense contractors with \$7B in annual revenue)

- Within the Communications Systems business unit, contributed to the development of SkyFusion, an Angular web application using the System-Wide Information Management (SWIM) data exchange protocol to improve air traffic flow management (ATM).
- Developed an automated testing tool for a radio to ensure correctness of functionality. Used Python and PyCharm to develop testing framework.
- As part of the Electronic Systems business unit, developed an embedded radio system in C++ and its corresponding Android mobile controller application in Android Studio and Java.
- *Stack:* AngularJS, Java, C++, Android Studio, Python

## Education

**B.S.E. Computer Science and Engineering, cum laude, University of Michigan-Ann Arbor**

## Ongoing Personal Projects and Training

(Showcasing capabilities 2020 to present)

GitHub Profile: <https://github.com/jonathanpperry> 

Personal Portfolio: <https://jonathanperry.info/> 

### **SocialMedia-React-Client** (Social Media)

– Social media application based on the concept of posts as “screams”. Featuring user authentication and Firebase cloud functions, the application uses Material UI (MUI) styling and React class-based components.

– GitHub Link: <https://github.com/jonathanpperry/SocialMedia-React-Client>

### **Revolut Fintech App** (Chat)

– WhatsApp clone using React Native and Gifted Chat and React Native Reanimated to demonstrate messaging capabilities as well as demonstrate animations, tab bars, and other React Native features.

– GitHub Link: <https://github.com/jonathanpperry/revolut-fintech-clone>

### **Jonny Ramen Blog** (Blogging)

– A live blog site built using Next.js, Contentlayer, and Tailwind CSS to share regular life updates with my community.

– Link to live blog: <https://jonnyramenblog.netlify.app/>

### **Personal Website** (Web Page)

– Personal landing site built using Svelte, Tailwind, and Vite.

– Link to live site: <https://jonathanperry.info/>

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

### **Reacstagram.com** (Social Media)

– Instagram project built with Firebase, Chakra UI, and Zustand state management to demonstrate CRUD database operations, and create a fun product for use within my developer network.

– GitHub Link - <https://github.com/jonathanpperry/react-instagram>

### **Ionic Audio Player** (Music)

– Music Media Player using Ionic, a hybrid mobile application framework, that plays some predetermined royalty-free tracks available on download.

– Published to Play Store: <https://play.google.com/store/apps/details?id=io.ionic.mediaplayer&pli=1>