

Mary McKeon

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Education:

BACHELOR OF SOFTWARE ENGINEERING | CLASS OF 2019 | STEVENS INSTITUTE OF TECHNOLOGY - GPA: 3.89

Skills:

- React, Javascript, Typescript, Node.js, PHP, Redux, Material UI, Microservices, Rest API, Yarn, NPM, OpenAPI, Jenkins, Express, Yeoman, MongoDB, PostgreSQL, Agile, Scrum, React Testing Library, Jest, Unity, PhaserJS, Webdriver.IO, AWS, Pendo, React Native, Java, Junit, Firebase, HTML5, CSS, C++, Selenium WebdriverJS, Auth0, VS Code, Camunda, Spring, BPMN Diagrams, Python, Swift, R, Certified Scrum Master

Experience:

SOFTWARE ENGINEER III | MAILCHIMP | JUNE 2022-NOW

- Developed the onboarding checklist for first time users using **React**, **PHP**, **React Testing Library**, **SQL**
- Practiced continuous delivery, merging directly from a feature branch into main branch and monitoring Bugsnag to be able to quickly revert if necessary
- Ideated on product design in **Figma** to shape the future of the product and provide unique insight

SR SOFTWARE DEVELOPER | ICIMS | AUGUST 2019-MAY 2022

- Developed a custom Create React App and **Express** starter app for the iCIMS community, using **CRA**, **React**, **Redux**, **Node.js**, **Express**, **Yeoman**, **Jest**
- Recruited to Innovation team as the only developer. Within eight months, researched and presented a dozen topics which shaped development and business decisions, created a prototype for a new **web application** in a new market, and researched and implemented a Business Process Model and Notation tool, **Camunda**, for the prototype, as well as laid the groundwork for the future Automation initiative
- Architected new microservice development pattern with a team, replacing the old monolith with smaller services using **Node.js**, **Express**, **OpenAPI**, and **MongoDB**
- Researched **Webdriver.IO**, educated the developer community, created documentation and example projects, known as the subject matter expert on **browser testing**, and helped the community answer questions and debug
- Tackled implementing, teaching, advising, and documenting all details for **Pendo** – a software tool for better tracking user usage of applications
- Created and taught courses in **React** and **Node.js** to new hires
- **Interviewed** software engineers and interns for managerial, intern, and software developer positions
- Became **Scrum Master** for team, prioritized work items, wrote user stories, assigned work based on capacity, and planned and led all scrum ceremonies

SOFTWARE DEVELOPMENT INTERN | ICIMS | JUNE 2017-AUGUST 2018

- Built an **Express Node.js** application which enables developers to test instances in production of certain microservices while masking real data in adherence with GDPR
- Wrote tests in **JUnit** for a new implementation of a smarter search engine which utilized **Solr** as a microservice
 - Included performance testing, automating the processes for setting up a core, and functional testing

CO FOUNDER | LIFE SKILLS SOFTWARE | DECEMBER 2017-PRESENT

- Won Stevens Ansary Pitch Competition, UPitch Competition, and WBENC Conference pitch competition from 2018 to 2019
- Lead, planned, and directed four teams of students at Stevens Institute of Technology from 2019 to now to develop games and features for the platform
- Developed several games in **Unity** and **PhaserJS** for students with special needs, as well as a dashboard for teachers to track student progress and create lesson plans for individual students using **React**, **Redux**, **Node.js**, **Material UI**, **Auth0**, **MongoDB**

SOCIETY FOR THE PREVENTION OF TEEN SUICIDE APP | MAY 2021-AUGUST 2021

- Developed a **React Native** app with **Expo** and **Firebase** for the Society for the Prevention of Teen Suicide of New Jersey which allows parents to access resources about their situation, next steps, and additional resource links in both Spanish and English

VOLUNTEER FOR GIRLS WHO CODE | MARCH 2021-AUGUST 2021

- Led a project for students from Middle School to High Schools across Monmouth County to develop their own game in **repl.it** using **Phaser.js**