Brendan McSweeney

Greater Portland, Maine, USA

info@bmcswee.com

github.com/bmcswee

SUMMARY

Diverse and well-rooted experience stretching across the wide world of technology and computer systems.

HIGHLIGHTS

- Experience with numerous programming languages including primarily Java, Javascript, and TypeScript.
- Passionate about excellent tooling and CI/CD systems, and their roles in modern and efficient development processes.
- Avid Linux user for both professional and personal purposes.

PERSONAL PROJECTS (AVAILABLE ON GITHUB)

- Created a machine learning model for predicting vehicle details from VIN, beginning all the way from scraping my own data.
- Wrote and implemented a basic 8-bit CPU (8086-like) on an FPGA board using Verilog.

EXPERIENCE

Note: Chronological gaps were filled with independent contract-based work and/or education.

Senior Software Engineer, treXis
Remote — November 2021 - Present

Implemented modern microservice-based backend banking systems for small credit unions and banks using Java / Spring Boot and various cloud systems including AWS and Microsoft Azure using Kubernetes.

Accomplishments

- Implemented and extended backend banking systems as modern Java / Spring Boot microservices using ActiveMQ for message brokering.
- Created integrations with various third-party banking services providers including Payveris and Payrails.
- Created and maintained CI/CD pipelines for microservices using Github Actions and Azure Devops.

Software Development Engineer 2, WEX
South Portland, Maine — May 2019 - November 2021

Ported legacy software to modern languages while maintaining all functionality at all points.

Accomplishments

- Took a leading role in porting legacy application from Spring Webflows to Angular 11 w/ Java Spring REST backend
- Created complete CI/CD system using Azure DevOps, allowing for rapid and efficient testing and deployment of code.
- Assisted in developing and managing enterprise architecture on Amazon Web Services (AWS) using Ansible.

Software Development Intern, WEX

South Portland, Maine — Summer 2018

Developed and implemented fixes and improvements for the WEX Online New Platform (WOLNP).

Accomplishments

- Implemented REST services in backend systems using Java with Spring framework.
- Implemented usability enhancements in frontend systems to make application friendly to disabled users, such as those using screen reading software.
- Participated in a fully Agile sprint-based development team with bimonthly release cycles.

Software Developer, Auto Europe

Portland, Maine — January 2015 - August 2017

Developed multiple software tools for use in the company's three worldwide call centers.

Accomplishments

- Lead development team for brand-new MEAN stack application using Angular2 for car rental bookings used 24/7 in company call centers worldwide.
- Successfully brought new call center software from blank-slate to deployment in under 18 months, fully replacing a 20 year old legacy system.
- Designed, deployed, and configured brand new production and development stacks for the company's first MEAN application on CentOS hosts.
- Additionally, designed and developed a system for managing the company's inventory of vehicle GPS units and integrating with FedEx using Java with Vaadin framework and Shippo API.

IT Guy, Big Skinny Corporation

Cambridge, Massachusetts — January 2012 - August 2013

Filled many roles as the sole IT person for this small company that designs and sells wallets.

Accomplishments

- Attained front-page rankings on Google for relevant search terms.
- Managed a Yahoo store with a seven-figure yearly revenue.
- Created and managed an online store for a spinoff company using Wordpress, WooCommerce, and custom-written jQuery.
- Streamlined order fulfillment system with custom software using VB.NET
- Created a non-public online system for product vendors to place bulk orders quickly and easily using PHP and Javascript.

Programming Intern, Sensimetrics Corporation
Malden, Massachusetts — Summer 2009

Interned as a programmer for this company that focuses on research in the fields of audiology and human communications.

Accomplishments

- Participated in software project to predict and simulate future hearing loss for the US military.
- Created a GUI for manipulating and viewing audiograms in VB.NET.

EDUCATION
University of Southern Maine
Portland, Maine
Bachelor of Science, Electrical Engineering with Computer Engineering Focus
2019
Cumulative GPA: 3.586