Brennan Pilcher

SENIOR SOFTWARE DEVELOPER

Contact

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About

I blend design experience and artistic training with years of technical expertise to create memorable projects focused on the interactions between creative media and technology. I am currently employed as a Senior Consultant Software Developer at ThoughtWorks, a global technology consultancy.

Profiles

LinkedIn
brennan-pilcher-a47146b8 (https://www.linkedin.com/in/brennan-pilcher-a47146b8/)

Work

Thoughtworks

Sep 2018 —

Senior Consultant - Software Developer

- Developed a replacement website for a national pizza chain serving millions of customers a day using TypeScript (React + NextJS + Redux + React Testing Library), GraphQL, and Docker, deployed on Kubernetes via GoCD. Led the design of the Order Confirmation flow, acted as Tech Lead for the team developing non-pizza product pages, and was a senior individual contributor on the cart and checkout team
- Collaborated with a sports analytics company to build out their core content experience using TypeScript (React Native + Redux + Jest), focusing on the news feed and data fetching / caching architecture of the app
- Built microservices to support the replacement for a key internal system at a national grocery retailer with Java (Spring Boot + JUnit) and Docker, deployed on Kubernetes in Azure via GitHub Actions
- Upgraded and maintained a business-critical human resources application for a leading global management consultancy using Java (Spring Boot + JUnit), TypeScript (React + Redux + Jest), Solr, Redis, and Docker, deployed to Kubernetes via GoCD
- Took part in an assessment for a smart home wellness company analyzing code, providing insights on workflow and technical architecture, and assisting the team in producing and presenting a report to the C-level executives

Ceros

Feb 2017 — Jul 2018

Technical Support Specialist

- Provided in-depth technical troubleshooting and design assistance to internal stakeholders and hundreds of clients, including multiple Fortune 500 companies
- Wrote JavaScript code to augment the Ceros platform's functionality
- Advised on the technical capability of the Ceros platform in sales meetings with clients
- Identified the need for a Ceros Developer portal, wrote documentation and extension guides for the Ceros SDK, and built out the site in WordPress + PHP
- Installed and configured office A/V and networking equipment

Purchase College, SUNY

Apr 2016 — Feb 2017

Client Administrator

- Deployed, licensed, and managed hundreds of software packages for over 1,500 Mac and Windows computers using SCCM and Munki
- Managed Group Policy, computer accounts and organizational units in Active Directory, and oversaw transition to Windows 10
- Created bash, PowerShell, and Batch scripts to automate tasks
- Moderate macOS Server and Windows Server 2012 responsibilities

Purchase College, SUNY

Aug 2015 — Feb 2017

Help Desk Technician

- Imaged, configured, and set up faculty/staff computers and academic labs for student use
- Provided in-depth technical troubleshooting of computers and AV equipment on-site, by telephone, and via remote desktop for faculty, staff, and students
- Patched broken RJ45 drops and performed on-site network troubleshooting

Education

Purchase College, SUNY

2011 — 2015

- **New Media**
  Bachelor of Arts (B.A.) - Cum Laude

Semester at Sea - University of Virginia

2014 — 2014

- **Study Abroad**

G. W. Carver Center for Arts and Technology

2007 — 2011

- **Digital Filmmaking**
  High School Degree with a certificate in Digital Filmmaking

Skills

Programming Languages

- JavaScript
- TypeScript
- Java
- HTML + CSS
- Bash Scripting
- Python

Automated Testing

- React Testing Library
- Jest
- Mocha
- JUnit
- Mockito
- Wiremock

Methodologies

- Pair Programming
- Test Driven Development
- Continuous Integration / Continuous Delivery (CI/CD)

> Agile Development

Frameworks and Libraries

> React

> React Native

> Redux

> NextJS

> Spring Boot

Infrastructure and Dev Ops

> Docker

> Kubernetes

> GoCD

> Semaphore CI

> GitHub Actions

Storage

> MySQL / MariaDB

> Postgres

> Redis

> Apache Solr

Design Tools

> Adobe Photoshop

> Adobe Premiere Pro

> Adobe After Effects

> Blender

> Figma

Languages

English
Native Speaker

Spanish
Limited Working

Interests

Photography
PC Gaming
Hiking
3D Modeling
3D Printing