

# BRENNAN PILCHER

## SENIOR SOFTWARE DEVELOPER

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🐙 github.com/brennan-pilcher

## Experience

### Senior Consultant - Software Developer @ Thoughtworks

Sept 2018 - Present // New York, NY

- Developed a replacement website for a national pizza chain serving millions of customers a day using TypeScript (React + NextJS + Redux), 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), 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) and Docker, deployed on Kubernetes in Azure via GitHub Actions
- Upgraded and maintained a business-critical human resources application for a global management consultancy using Java (Spring Boot + JUnit), TypeScript (React + Redux), Solr, Reds, 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

### Technical Support Specialist @ Ceros

Feb 2017 - July 2018 // New York, NY

- Provided in-depth technical troubleshooting and design assistance to internal stakeholders and hundreds of clients, including multiple Fortune 500 companies
- Advised on the technical capability of the Ceros platform in sales meetings with clients
- Wrote JavaScript code to augment the Ceros platform's functionality
- 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

### Client Administrator @ Purchase College, SUNY

Apr 2016 - Feb 2017 // Purchase, NY

- 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
- macOS Server and Windows Server 2012 responsibilities
- Created bash, PowerShell, and Batch scripts to automate tasks

### Help Desk Technician @ Purchase College, SUNY

Aug 2015 - Feb 2017 // Purchase, NY

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

## Skills

### Programming Languages

JavaScript, TypeScript, Java, Python, HTML, CSS, Bash

### Libraries and Frameworks

React, React Native, Redux, NextJS, Spring Boot

### Automated Testing

React Testing Library, Jest, Mocha, JUnit, Mockito, Wiremock, Cypress, Webdriver

### Infrastructure and Dev Ops

Docker, Kubernetes, GitHub Actions, GoCD, Semaphore CI

### Storage

MySQL / MariaDB, Postgres, GraphQL, Redis, Apache Solr

### Design Tools

Photoshop, Premiere Pro, After Effects, Figma, Blender

### Methodologies

Agile Development, Test Driven Development, Pair Programming, Continuous Integration / Continuous Delivery

## Education

### Purchase College, SUNY

2011 - 2015

Bachelor of Arts, Cum Laude  
Major in New Media  
Minor in Computer Science

### Semester at Sea

Spring 2014

Studied aboard ship while traveling to more than a dozen countries over a four month voyage

## Interests

Traveling, Photography, Hiking, Biking, Gaming, Game Design, 3D Modeling