

BRENNAN PILCHER

LEAD SOFTWARE DEVELOPER

Oakland, California

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Experience

Lead Consultant (Software Developer) @ Thoughtworks

prev. Senior Consultant, Consultant, Graduate Consultant

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, played **Tech Lead** for the team developing non-pizza product pages, and was a senior individual contributor on the cart and checkout team
- Tech Lead** for a team building the core staffing platform for a global management consultancy using **Java (Spring Boot + JUnit)**, **TypeScript (React + Redux)**, **Apache Solr**, **Redis**, and **Docker**, deployed to **Kubernetes** via **GoCD**
- Built containerized microservices to replace core internal systems at a large national grocery retailer with **Java (Spring Boot)**, **RabbitMQ**, and **MQTT** deployed on **Kubernetes** in **Azure** via **GitHub Actions / Rancher**
- Collaborated with a sports analytics company to build out their core content experience using **TypeScript (React Native + Redux)**, focusing on architecting the news feed and data fetching / caching architecture of the app
- 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

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

Libraries and Frameworks

React, React Native, Redux, NextJS, Spring Boot, Camel

Automated Testing

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

Infrastructure and Dev Ops

Docker, Kubernetes, Rancher, Harness, GitHub Actions, GoCD

Storage and Caching

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

Messaging Protocols

REST, MQTT, AMQP, WebSockets

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 a dozen countries over a four month voyage

Interests

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