

# Andrew Aldrich

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## EXPERIENCE

### University of Cincinnati, Cincinnati – Software Application Developer I

APRIL 2020 – PRESENT

- Maintain 2 Sitefinity CMS websites including upgrading both sites from Sitefinity 10 to 14
- Work with stakeholders to gather requirements and input for multiple projects, including new content on the main Office of Research website
- Mentor student software developers to help develop both their technical and non-technical skills
- Administer Azure instance, including a number of VMs and a MySQL database
- Provide support for end users for SharePoint and other softwares
- Lead project to improve existing Limited Submission system, working with two student developers utilizing Azure Logic Apps, .Net Core, MySQL, and Angular; and authenticated with MSAL
- Assisted with migration of a 15,000 document library from on-prem SharePoint to the cloud. This included migrating a number of workflows to Power Automate and training end users on the new system.
- Completed migration from on-prem resources to Microsoft Azure

### University of Cincinnati, Cincinnati – Student Software Developer

MAY 2016 – APRIL 2020

- Introduced modern development practices like Source Control (Git), CI/CD (Jenkins and later Microsoft DevOps), and unit testing
- Assisted in supporting users with technical problems and website updates. Received recognition for “Excellent Customer Service”
- Created application to handle Limited Submission process: leading the requirements gathering, design, and implementation of a Python, MySQL and Angular application with a REST API, while working with a team of 1-3 other developers
- Worked as part of a team to develop 2 new web pages for the Office of Research

## SKILLS

**Web Development:** Angular, React, jQuery, Sitefinity CMS, ASP.NET Core, MSAL, OAUTH, REST APIs

**Programming Languages:** C#, Python, Javascript, TypeScript, CSS, SASS, HTML

**Databases:** MySQL, PostgreSQL, MongoDB

**Testing:** MSTest, Unit Testing, Integration Testing, developing Test Plans

**DevOps and Developer Tools:** Azure DevOps, Jenkins, CI/CD, Git, Github, Visual Studio, Visual Studio Code, Docker

**Cloud Platforms and Technologies:** Microsoft Azure, Azure Kubernetes Service, Azure Container Service, Azure Compute, Azure Functions, Azure Logic Apps

**Non-Technical:** Scrum, Agile, Technical writing, strategic and innovative thinking

## EDUCATION & CERTIFICATIONS

### Scrum Alliance – Certified Scrum Master

CERTIFIED THROUGH JUNE 2023 | Certification ID: 001213899

### University of Cincinnati, Cincinnati – Bachelor of Science in Computer Science

SEPTEMBER 2015 – MAY 2020

Coursework in Malware Analysis, Cloud Computing, and Large Scale Software Engineering (project management)