

**Alexander Spaulding** - [arspaulding@pm.me](mailto:arspaulding@pm.me)

## SKILLS / TECHNOLOGIES

Proficient - .Net 5, .Net Core, .Net Framework, Angular 8, Blazor, C#, C++, CSS3, Drupal 8, Git, HTML5, JQuery, Java, Javascript, Microsoft Azure, MySQL, Node.js, PHP, Python, REST APIs, SQL, Scrum/Agile, Twig, Ubuntu, Visual Basic, FHIR

Familiar - Atlassian, C, Django, Docker, Flask, Jira, Linux, Zend Framework

## TECHNICAL EXPERIENCE

**Apex Systems @ Advocate Aurora** | Remote

July 2021 – Present

### Software Engineer

- .Net 5, Angular, Blazor, Microsoft Azure, EPIC, FHIR
- Contracted to extend the internal developer team for Advocate Aurora's Enhanced Scheduling Widget. Work consisted of maintaining a frontend angular application and a backend .Net 5 api.
  - Actively participated in daily team technical discussions, story writing sessions, and other Agile related meetings. Technical discussions ranged from implementing Oauth 2.0 in an embedded widget to other new features such as the First Available Standalone Search.
  - Worked to identify areas for improvement in processes to help add value and save time to existing workflows.

**CDP** | Romeoville, Illinois

August 2019 – July 2021

### Entry Level Software Developer

- .Net 5, .Net Core, .Net Framework, Angular 8, Blazor, Microsoft Azure, SQL Server
- Maintained federal WIC application (MPSC) and helped automate devops process to create an easier workflow for the team. Time was also spent developing a web (blazor) based proof of concept.
  - Quickly became an expert in a specific system areas where the team was lacking dedicated support. Additionally, helped identify areas where refactoring may be necessary or technical debt may need to be paid.
  - Automated the application build process so that developers would no longer have to manually update dll's. This only saved 10-15mins daily but helped cut back on developer introduced bugs.
  - Spent time proofing out a web interface for the services that support the desktop MPSC. Wrapped the services into a web api and recreated some core views in Blazor.

**Ecolab** | Naperville, Illinois

June 2018 – February 2019

### Backend Software Engineer Intern

- C++, Linux, MQTT, Microsoft Azure, Scrum/Agile.
- Hired to further development for a network gateway device and a water system controller.
  - Network gateway device work consisted of Tier 3 technical support and building custom Microsoft Azure event apps.
  - Water system controller work consisted of the development of a system configuration handler to allow for remote system configuration on the target board.

## EDUCATION

**North Central College** | Naperville, Illinois

June 2019

*Bachelor of Science in Computer Science*

### Courses and Relevant Projects

- Software Development in C++, Operating Systems, Linux Programming, Web Applications, Mobile Applications, Special Topic: Artificial Intelligence, Database Systems, Computer Networks, Computer Network Security, Capstone Seminar.
- As club president, arranged and collaborated with NCC's Computer Science Club to develop bluetooth communication scripts for *Ecolab: A Nalco Water Company*.
  - Assisted NCC's Graphic Design club with optimization of their club website.