

# Joseph Thompson

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## EDUCATION:

**University of North Carolina at Charlotte**, Charlotte, NC

August 2021

Bachelor of Arts in Computer Science | Concentration: Information Technology | Minor: American Studies

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## TECHNICAL SKILLS:

**Languages & Technologies:** HTML, REST APIs, JavaScript, JSON, Java, SQL, Linux, Git, Database, React.js, SpringBoot

**Fundamental Concepts:** Agile Development, Scrum, Software Engineering, Project Management, Cloud

Software Testing, Object-Oriented Programming, Microservices, CI/CD

**Certifications:** AZ-900 Azure Fundamentals

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## WORK HISTORY:

**Wells Fargo**

January 2022 - Current

*Software Engineer*, Charlotte, NC

- **Initiated the** modernization of our application by working with a team of three members to develop and implement a Proof of Concept (POC) for deployment in lower environments on Pivotal Cloud Foundry (PCF).
- **Successfully transformed** a Java 8 SpringBoot application with JSP into a modernized architecture, breaking it down into micro frontends powered by React.js and multiple backend microservices using Java 17 and Spring 6.
- **Collaborated** closely with cross-functional teams to configure PCF environments and set up IBM Urban Code Deploy (UCD) properties while also establishing an efficient Jenkins pipeline for deployment and code scanning.
- **Collaborated** with senior engineers to align code with design patterns, frameworks and efficiency.
- **Collaborated** in Enterprise Jira to in the development lifecycle, including code design, implementation, testing, and integration, adhering to industry-standard methodologies.
- **Mentored and supported** interns, contractors, and new team members, fostering a sense of confidence and integration within their roles, ultimately enhancing the company's overall reputation. Additionally, conducted interviews for potential interns and analysts.
- **Delivered crucial production support** for the enterprise fraud and claims application by identifying and rectifying vulnerabilities and bugs, while proficiently troubleshooting issues through Splunk log analysis. Additionally, contributed support for late-night deployments in lower environment and production settings.
- **Created and maintained** documentation to better assist users in repositories.

**Greenway Chemical Systems & Services**

January 2012 – January 2022

*IT Systems Administrator*, Belmont, NC

- **Accelerated the growth** of a small startup into a multi-state industrial water treatment company that serves the greater southeast region.
- **Redesigned and developed** multiple websites that brought in new clients and improved customer relations through more available information.
- **Migrated** current system over to WordPress for a more flexible environment.
- **Collaborated** with the operations manager to enhance the office by adding custom built equipment, security systems, custom record keeping programs, as well as managing the social media accounts.
- **Boosted client relations** through routine check in to ensure the client was not having any issues with their controller as well as program any controllers as needed.

- **Maintain and manage** the entire offices local network as well as the security it uses to ensure a secure and efficient network.
- **Assisted** in operating seminars to customers to ensure the technology was running properly.
- **Increased office productivity** through developing and maintaining office computers and networks to ensure a seamless and stress-free work environment.

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## COURSE PROJECTS:

Web Based App Design and Development – Final Website Project (UNC Charlotte) August 2019 – December 2019

- **Created and developed** a website using HTML5, CSS3, JavaScript.
- **Implemented** jQuery, AJAX and JSON components to display various data across the website.

Software Engineering – Know Social (UNC Charlotte) August 2019 – December 2019

- **Worked and collaborated** with a group of 4 others to design and develop an application that pulls data from twitter analyzes the tweets and displays whether the sentiment of the tweet is positive or negative.
- **Implemented technologies** such as Java, JavaFX, JDBC, SQL, and various APIs to pull data from Twitter and analyze the tweets.

Database Design and Implementation – Database Project (UNC Charlotte) August 2020 – December 2020

- **Developed and created** a database using the MySQL language, workbench, as well as and database design methodologies.
- **Designed** relational models and EERD diagrams using DRAW.IO to demonstrate the relationships between objects in the database design.

Software Development Senior Capstone Project – 9erPark (UNC Charlotte) January 2021 – March 2021

- **Collaborated** on an iOS application with a team of 5 to display UNC Charlotte parking deck data to the user.
- **Programmed** the application with the Swift programming language as well as the XCode IDE.
- **Conceptualized and designed** lo-fi and hi-fi prototypes using Balsamiq and Figma.
- **Collaborated and maintained** using Git and GitHub for version control management.