

Experience

Software Developer

Apr 2024 — Dec 2024

Northwest Missouri State University.

Maryville, MO

- Developed, debugged, and maintained internal full stack software applications, utilizing Python, JavaScript, SQL, and Vue.
- Addressed class imbalance with SMOTE and applied machine learning algorithms (e.g., Decision Trees, SVMs, Neural Networks) to classify faculty ranking.

Graduate Assistant

Jan 2024 — Dec 2024

Northwest Missouri State University.

Maryville, MO

- Conducted help sessions to teach Machine Learning algorithms using Python libraries like Scikit-Learn.

Software Developer

April 2022 — Feb 2023

Tata Consulting Services (TCS).

New Jersey, NJ

- Programmed Java Servlets and Services to process intricate SOLR queries, manage HTTP requests, and support AEM component functionality
- Employed Object-Oriented Principles (OOP), including inheritance, interfaces, and abstraction, to ensure codebase scalability, reusability, and flexibility.
- Conducted and authored Unit Tests using JUnit and Mockito.
- Worked in a competitive Scrum environment, utilizing Git and Stash for version control and Atlassian Jira for project management.

Software Developer

Nov 2021 — March 2022

Morgan Stanley.

New York, NY

- Developed Java Servlets to process HTTP requests, implement backend logic, and execute queries, supporting AEM component functionality.
- Created POJO (Plain Old Java Objects) classes to implement backend logic.
- Managed large JSON files, storing data within appropriate data structures.
- Worked in a competitive Scrum environment, utilizing Git and Stash for version control and Atlassian Jira for project management.

iOS Developer

Mar 2019 — Sept 2021

Peep Connect LLC.

Kansas City, MO

- Developed and debugged a social media app using Swift and SwiftUI, leveraging UIKit, Core Data, and Combine frameworks.
- Integrated REST APIs for JSON handling within an MVVM architecture.
- Utilized AWS (EC2, RDS) for backend hosting and Firebase for messaging and analytics.
- Authored unit tests with XCTest.
- Integrated Firebase for messaging, analytics, and notifications.
- Worked with Twilio, Foursquare, and Mapbox SDKs.
- Led Scrum meetings for an 8-member team.
- Used Git, GitHub, and Jira for version control and project management.

Education

Master of Science, Applied Computer Science, GPA: 3.8/4.00

Aug 2023 — Dec 2024

Northwest Missouri State University.

Maryville, MO

Bachelor of Science, Computer Science and Mathematics, GPA: 3.84/4.00

Aug 2016 — Dec 2020

Northwest Missouri State University.

Maryville, MO

Skills

- Java, Python, JavaScript, HTML, CSS
- Spring Boot, React, Adobe Experience Manager (AEM)
- MySQL, PostgreSQL, MongoDB
- Git, Docker, Linux
- Apache Kafka, Apache Storm
- Design Pattern, SDLC, Agile
- Machine Learning Algorithms, Generative AI tools and techniques

Certifications

Machine Learning by Dr. Andrew Ng, Coursera, Credential ID: JW9AUD2X5QKU

Oct 2021- No expiration