Saroj Paudel

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EDUCATION

Masters, Computer Science, Northwest Missouri State University — **Aug 2023 — Present**

Bachelor of Science, Computer Science and Mathematics, Northwest Missouri State University, GPA: 3.84/4.00
Aug 2016 — Dec 2020

EXPERIENCE

Teaching Graduate Assistant　　　　　　　　　　　　　　　　　　**Jan 2024 — Present**
Northwest Missouri State University.　　　　　　　　　　　　　　　　Maryville, MO

- Helped grade Machine Learning assignments, exams, projects using Python.
- Conduct help sessions to teach students Machine Learning Algorithms using Python libraries.

Software Developer　　　　　　　　　　　　　　　　　　**April 2022 — Dec 2022**
Becton, Dickinson and Company/ Tata Consulting Services (TCS).　　　　　　New Jersey, NJ

- Programmed Java Servlets and Services to handle complex SOLR queries, handle HTTP requests, etc.
- Used Object Oriented Principle (OOP) like inheritance, interface, abstraction etc. to make codebase scalable,reusable and flexible.
- Performed and wrote Unit Testing with JUNIT Mockito.
- Worked in competitive SCRUM work environment.
- Used GIT and Stash for version control and Atlassian Jira for project management.

Software Developer　　　　　　　　　　　　　　　　　　**Nov 2021 — March 2022**
Morgan Stanley/ iTrending Solutions LLC.　　　　　　　　　　New York, NY/ Tampa, FL

- Programmed Java Servlets that handles HTTP requests, operates logics, execute queries, etc. for AEM (Adobe Experience Manager) components to use.
- Wrote POJO (Plain Old Java Objects) classes to implement backend logics.
- Worked with big JSON files to store the data in data structures.
- Worked in competitive SCRUM work environment.
- Used GIT and Stash for version control and Atlassian Jira for project management.

Mobile Developer　　　　　　　　　　　　　　　　　　**Mar 2019 — Sept 2021**
Peep Connect LLC.　　　　　　　　　　　　　　　　　　Kansas City, MO

- Develop and debug code for a consumer-facing social media mobile app with growing user base using Swift and SwiftUI.
- Used UIKit, Core Data, Foundation, Mapkit and other core iOS frameworks.
- Worked with REST APIs to fetch json data and handled the response data across the MVVM architecture based app.
- Worked with AWS services like EC2, RDS to host backend server and database respectively.
- Used Combine framework to handle asynchronous operations in the app.
- Performed and wrote Unit Testing with XCTest framework.
- Worked with Firebase for Messaging, Analytics and Notification.
- Worked with third-party APIs like Twilio and SDKs like Foursquare, Mapbox.
- Managed Scrum meetings for the team of 8 developers.
- Used Git and Github for version control and Atlassian Jira for project management.

SKILLS

- Java, Python, Golang.
- HTML, CSS, Typescript, Javascript.
- Spring Boot, React, Laravel.
- MySQL, Postgressql, MongoDB
- Git, Github
- Docker, Linux
- Software Development Life Cycle, Agile

CERTIFICATIONS

Machine Learning by Andrew Ng, Coursera, Credential ID: JW9AUD2X5QKU   **Oct 2021- No expiration**
- Supervised learning intuitions (parametric/non-parametric algorithms, support vector machines, neural networks).
- Unsupervised learning intuitions (clustering, dimensionality reduction, recommender systems, deep learning).
- Best practices in machine learning (bias/variance theory).