Sijan Malla

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WORK EXPERIENCE

Price Waterhouse Coopers(PWC) LLP   **Remote, US**
Software Engineer Consultant on assignment at Meta   *October 2023 - Present*
- Develop internal dashboard tools using React and create visual insights.
- Create data pipelines for streaming analytics leveraging internal tools, monitor health and optimize the processing time.

DXC Technology LLC   **New Orleans, LA**
Sr Analyst III Software Engineering   *June 2023 – Present*
- Led a team of 5 interns, led daily sprints, client interactions, training, and contributed to Spring Microservices and Angular Application, facilitating their successful rehire.
- Led AWS Native CI/CD streamlining as an individual contributor, saving 50 dev hours, and optimizing automation and observability.
- Restructured Django APIs, boosting speed and scalability with a 3x faster response time and enhanced flexibility.
- Initiated the company's initial foray into AI capabilities using Azure Services, including OpenAI, Cognitive Search, React.js and Flask API, as an early innovation.

Software Engineer Intern   *August 2022 – May 2023*
- Designed a clustering model, employing resume data preprocessing techniques including lemmatization, word2vec, and NLTK, achieving a 20% boost in project allocation efficiency and driving substantial gains in company profits.
- Utilized Python and Spark to aggregate documents into Azure Blob, reducing data retrieval time from days to hours, facilitating HR automation in hiring decisions.
- Created an Android App Testing suite using Android Open Source Project's Cuttlefish on Ubuntu Server, revolutionizing company testing procedures with a comprehensive suite of tools.
- Orchestrated AWS-based centralized logging with ELK stack, reducing log analysis time by 30%, and integrated logging into four applications within an Agile team of 52 interns.

ULM Computing Center   **Monroe, LA**
IT Support Technician   *July 2020 – June 2022*
- Led a team of six help desk professionals, managing an average of 800 monthly service tickets in a dynamic IT helpdesk environment.
- Created and deployed workstation images via FOG and set up virtual machines using VirtualBox.
- Efficiently resolved computer, network, and printer issues across main campus and three satellite locations, accumulating 1800+ hours of tech support.
- Updated and maintained procedural documentation, reducing average ticket resolution time from hours to 30 minutes.
- Recognized as an "Excellent Employee" for consistently closing tickets and holding records for the highest daily and all-time ticket resolutions.

SKILLS

Programming Languages: Python, JavaScript, Java, HTML, CSS, Perl, Bash

Libraries/Frameworks: React.js, Angular, Flask, Django, Spring Boot, Bootstrap, Tailwind

Cloud: AWS, Azure

Database: MySQL, PostgreSQL, MongoDB, Redis, Firebase

Domain: Modern Web Development, Data ETL, Machine Learning, Natural Language Processing, Serverless Architecture, Three-Tier Architecture, DevOps, Cloud Application Development, Microservices, RESTful API

Tools: Git, Github, Github Actions, Docker, AWS CloudFormation, Linux(Ubuntu), Postman, Jupyter Notebook

Soft Skills: Accountability, Leadership, Critical Thinking, Teamwork, Conflict Resolution

CERTIFICATIONS

AWS Certified Developer - Associate, AWS Certified Solution Architect - Associate, AWS Certified Cloud Practitioner, Microsoft Certified: Azure Fundamentals

EDUCATION

University of Louisiana at Monroe **Monroe, LA**

BS in Computer Science (GPA: 3.6) *August 2019 – May 2023*

- **Awards**: 2022 ACM Programming Competition Local Chapter Winner, 2023 IT Web Code Challenge Runner Up, Honors in College, Dean's List 2019-2023
- **Organizations**: Upsilon Pi Epsilon, Associate for Computer Machinery (ACM), Google Developer Student Club (GDSC)