Vishwa Chetankumar Naik

vishwakumari1508@gmail.com | 682-375-7647 | Greater Seattle Area , Washington | LinkedIn| Portfolio

PROFESSIONAL EXPERIENCE:

Software Development Engineer - Amazon Web Services, Bellevue, Washington   **August 2022 - Present**
- Developed software solutions to enhance data quality during rack and host decommissioning, integrating reliable data sources leveraging AWS services such as S3 buckets, DynamoDB, Lambda, API Gateway, and CloudWatch metrics, ensuring data consistency across multiple sources.
- Developed user-friendly front-end tools using ReactJS integrated with JavaScript, enhancing the data center technician's user experience.
- Designed and built tools aimed at optimizing efficiency and security during media decommissioning processes, prioritizing time and safety.
- Proficiently diagnosed CI/CD pipelines and extensively worked on pipelines for code deployment by engaging tools like Git from code check-in to production deployment
- Conducted unit and integration testing using tools like JUnit, Chameleon, and Mockito, guaranteeing the quality of software releases.
- Collaborated with different data center automation teams to build new solutions/features that help improve customer experience, facilitating their integration with existing systems while maintaining optimal performance.

Software Development Intern - Nj Technologies, Surat, Gujarat   **December 2018 - May 2019**
- Developed an online Twitter sentiment analysis project using NLTK, Text Blob, NLP, and Python to capture customer reviews on the company's projects and products.
- Contributed to the development of a financial software system for managing client portfolios.

Summer Software Developer Intern - Reliance Industries Limited, Hazira, Gujarat   **May 2018 - June 2018**
- Designed and implemented software for a PET autonomous bagging system, generating detailed and summary reports for packed bags by extracting real-time data from the system database using .NET and SQL.

EDUCATION:

Master Of Science in Computer Science   **January 2021 – August 2022**
The University of Texas at Arlington, Texas

Bachelor of Technology in Information Technology   **August 2015 - May 2019**
Uka Tarsadia University, Gujrat, India.

TECHNICAL SKILLS:

Programming Language: Java, Python, JavaScript, C#, TypeScript
Web Technologies: ReactJS, HTML, CSS, NodeJs
Cloud Technology: AWS (EC2, Lambda, S3, DynamoDB, Cloud Formation, API gateway, AWS SDKs, AWS CLI)
Database: MSSQL, Amazon RDS, MySQL
Tools and Libraries: GitHub, Postman, Jira, TensorFlow, OpenCV, Scikit-learn, OpenCV, NumPy

PROJECTS:

Web Application Development
- Created 'Lunamar' housing portal, managing housing communities with diverse user roles, incorporating a live chat feature using HTML, CSS, and React.
- Designed and implemented 'Path Finder,' a web application for exploring and executing various sorting algorithms, using Python, HTML, and Flask.

Machine Learning Projects
- Successfully trained and tested a Convolutional Neural Network (CNN) on the CIFAR-10 dataset for image object recognition.
- Utilized a Naive Bayes Classifier to train on the IMDB dataset, accurately predicting positive and negative movie reviews.
- Delivered a mobile recommendation system employing 1.4 million mobile reviews data, incorporating machine learning techniques such as rigid classifier, support vector machine, and rigid classifier. Conducted an accuracy comparison study.
- Implemented an object detection system for handwritten text recognition using OpenCV and CRNN machine learning model, incorporating Jaro and Ratio similarity measures for enhanced accuracy.

Mobile Application Development
- Developed a parental school enquiry mobile application, enabling parents to discover the best schools for their children using Android Studio.