

SRIVIDYA.V

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CAREER OBJECTIVE

To advance my career as a Software engineer, utilizing my 2 years of experience to enhance data pipelines, to express and optimize my analytical performance, and compliance to data-driven decision-making in a dynamic organization.

EDUCATION

Master of Science – Computer Technology

Eastern Illinois University, Charleston, IL

Jan2022-May2023

(3.70) GPA

Bachelor of Technology-(Computer Science and Engineering

Vaagdevi Engineering College, Warangal, IN

June2017-Aug2021

(3.30) GPA

EXPERIENCE

Data Engineer

Jan2021-Dec2021

Chemical Abstract Services

- Employed Xslt, XQuery, and Java skills and debugging, Splunk Teradata across multiple CAS domains, transforming it using Altova Xmlspy and yielding a 20% increase in data accuracy.
- Led the development of a standalone project for Chemzent domain that successfully integrated Chemzent data into SciFinder, resulting in a 40% increase in user specifications with use of Soap UI.
- Developed and implemented a real-time data streaming platform using Mark logic, Spark Streaming, Spring Boot and Kafka, Jenkins that improved data processing times by 50%, resulting in increased efficiency for the organization by Confluence.
- Implemented Agile methodologies, CI/CD responding to unpredictability through iterative work and empirical feedback.

Machine Learning Intern

Sept 2020-Dec2020

Smart Bridge Educational Services, Hyderabad, IN

- Developed and trained a deep learning predictive model to classify plant seedlings datasets with an accuracy rate of 95%, resulting in a more efficient and accurate classification process for agricultural industries and information system with documentation.
- Developed and trained Convolutional Neural Network models to detect suspicious activity within video feeds, achieving an accuracy rate of 95%, reducing manual review time by 70%. Extensively used Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, SciPy. **Tech Stack:** HTML, CSS, Python, Deep learning algorithms, Validation.

ACADEMIC PROJECT

Event Management Application

- Developed and launched an basic API comprehensive Event Management Applications for My College's technical fest, allowing attendees to easily tailor their experience using QR code generation and data gathering via the HIN system.

Software used: HTML, CSS, JAVA/J2EE, JAVASCRIPT, MYSQL, TOMCAT , GitHub, Excel, Perl, Ruby.

CERTIFICATION'S

- **2020** Certified for Web Development with Python Bootcamp by **Code Gyan**.
- **2019** Certified for 'Database Programming with SQL By **ORACLE ACADEMY**'.
- **2018** Certified for workshop '**World Blockchain Hackathon**'.

ACHEIVEMENTS

- Coordinated tech summit event with CSI innovation Research team, resulting in 30% increase in membership applications and 90% participation rate in World Blockchain Hackathon.

TECHNICAL SKILLS

Programming languages	C, C++, Java, Python, Spark, OOP'S, Power shell, Kafka, .Net
Database	MSSQL, MongoDB
Operating System	Linux, Docker
Web Technologies	HTML, CSS, JavaScript, Bootstrap, React JS, Node.JS, Angular
Tools	Git, Visual Studio, MS Excel, PowerBI, AWS

Key Skills: Web Application Development • Backend Development • Interface Designing • Software Testing
Coding & Troubleshooting • Leadership • Operating systems. • SDLC.