SUSMITHA NIMUSHAKAVI

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SUMMARY

Dedicated and accomplished professional with a strong academic background and significant research contributions. Proven expertise in designing and delivering engaging coursework while fostering a dynamic and inclusive learning environment. Committed to advancing knowledge and mentoring the next generation of scholars.

EXPERIENCE

Professional Experience (2015-2018)

Worked in Tech Mahindra Pvt Ltd., for 2.4 years as a software engineer.

Part of developing and implementing driver safety management module using Informatica Power Center 9.5.1 for XPO Logistics, a leading transportation and logistics company from Portland, USA . Extracted, transformed, and aggregated data from various sources related to driver behavior, vehicle conditions, accident reports, and compliance records, ensuring data quality and integrity. Designed and implemented ETL workflows for the driver safety management module, collaborating with stakeholders to gather requirements and ensure timely project delivery. Conducted thorough testing and troubleshooting of ETL processes, provided technical support and training to end-users, and created dashboards and documentation to facilitate future maintenance and enhancements.

Teaching Experience:

Worked as a freelance teacher in a private institute for one year and supported students in learning C, C++, JAVA, Data Structures and DBMS

SKILLS

TOOLS: INFORMATICA POWER CENTER 9.5.1, RAPID MINER STUDIO 5.0, POWER BI, TABLEAU, BUSINESS OBJECTS 4.0, APACHE SPARK

PROGRAMMING LANGUAGES: C, C++, JAVA, PYTHON, R, BASICS OF CIPHER

WEB TECHNOLOGIES: HTML, XML, CSS

DATABASES: ORACLE, MYSQL, NETEZZA, Neo4j GRAPH DATABASE, MongoDB

ACADEMIC BACKGROUND

Education	Institute	Year	Percentage
M.Tech in Datasciences	Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada	2022-2024	9.5(till date)
B.Tech (CSE)	Sri Vasavi Engineering College, Tadepalligudem	2011-2015	86%
Intermediate	Ascent Junior College, Visakhapatnam	2009-2011	94.1%
Secondary School	VK'S Academy	2009	88%

PUBLICATIONS

- ❖ Published a research article in SCOPUS INDEXED JOURNAL named "African Journal of Biological Sciences(South Africa), an Open Access multi-disciplinary journal
- ❖ Published a review paper "Bone fracture detection techniques and approaches in deep learning" as a Book chapter in "Intelligent Systems Modeling and Simulation III" with SPRINGER NATURE journal
- ❖ Participated in a presentation on "Automatic detection of bone fractures using deep learning algorithms" in Second International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2024) held at Goa University, Goa, India
- ❖ Published the same in AIP conference proceedings which is a SCOPUS INDEXED conference.

ACADEMIC PROJECTS

- ❖ Worked on "Bone Fracture Detection" for automating the medical image analysis using deep learning algorithms as the part of my post-graduation project
- ❖ Worked as a part of a live project on a calorie counting android application "Its a healthy way" , which is based on OCR technology and built backend database using MY-SQL in my graduation

CERTIFICATIONS AND ACCOMPLISHMENTS

- ❖ 6 weeks of academic internship programme in AI-ML under Amazon Web Services affiliated by AICTE - EduSkills , JNTU Kakinada from 10-9-2023 to 30-10-2023
- ❖ **Java SE7 "WDP" certification by Oracle company during graduation**
- ❖ Achieved **PRATIBHA** award from **JNTU KAKINADA** for academic excellence under CSE department and received **GOLD MEDAL** CERTIFICATE and a cash price of 20000/-
- ❖ Participated in **a TWO DAY WORKSHOP** on **ANDROID APPLICATION DEVELOPMENT** in JNTU Kakinada.
- ❖ Participated in **POSTER PRESENTATION** on "**WIRELESS TECHNOLOGIES**" in Sri Vishnu Engineering College, Bhimavaram.
- ❖ Participated in "**SAMYAK 2K14**" poster presentation **ENVIRONMENT SCIENCES** in KLU, Vijayawada.
- ❖ Won state rank A.I.M.ED mathematics Olympiad in 2006.

Declaration

I hereby declare that the above details furnished are correct as per my best knowledge and   belief.

Place: VIJAYAWADA

Date: (**SUSMITHA NIMUSHAKAVI**)