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MAHASHRI D

CAREER OBJECTIVE

To work in a challenging environment in an organization which will enable me to exploit my potential and technicalskills in achieving the organizational goal.

TECHNICAL SKILLS

Python for Data Analytics

Data Visualization using Python

Data Visualization using PowerBi

SQL

WORK EXPERIENCE

Role: Associate Software Engineer
Company: CGI
Duration: 08/2023 – Present

PROJECTS INVOLVED

RightCoder Project

Description:

RightCoder is a sophisticated tool designed for developer platforms, facilitating the seamless delivery of high-quality code. As part of the project team, I contributed to enhancing the efficiency and effectiveness of CGI developers by enabling them to upload code daily for benchmarking quality standards. This involved implementing features for quality assessment using tools such as CAST, SonarQube, and Checkmarx.

Roles and Responsibilities:

- Developed a plugin for the RightCoder tool within the IntelliJ IDEA Integrated Development Environment (IDE), enhancing its functionality and usability.
- Designed and developed a user-friendly website for the RightCoder tool, providing a centralized platform for developers to interact with the system effortlessly.
- Implemented automation processes for email triggers, streamlining communication and notification workflows within the project.
- Spearheaded the development of an Artificial Intelligence (AI) chatbot tailored specifically for the RightCoder tool, leveraging advanced algorithms to enhance user experience and productivity.

Key Achievements:

- Successfully integrated the RightCoder plugin into the IntelliJ IDEA IDE, improving developer workflow and code quality assessment.
- Led the development and deployment of the RightCoder website, ensuring seamless access and usability for all stakeholders.
- Streamlined project communication channels through automated email triggers, resulting in enhanced team collaboration and efficiency.
- Pioneered the implementation of an AI chatbot for the RightCoder tool, contributing to a more intuitive and interactive user experience.

This project provided me with invaluable experience in software development, project management, and innovation, further honing my skills in plugin development, web development, automation, and artificial intelligence.

CERTIFICATION

Google Data Analytics Certificate program offered by Google.

Artificial Intelligence Certificate program offered by Microsoft Azure.

Introduction to Data Analytics Certificate program offered by IBM.

Leadership Skills Certificate program offered by Indian Institute of Management Ahmedabad (IIMA).

ACHIEVEMENTS

Paper Presentation on Cloud computing and its role in IT companies: 2nd International virtual conference on intelligent and computing system ICICS)- 2022 conductedon Bishop Heber College, Trichy. (03/2022)

Responsibilities: Serving as a General Treasurer in a BCAAssociation.

EDUCATIONAL QUALIFICATION

Pursuing a Master of Science (MSc) in Data Science at Manipal University, Karnataka, expected graduation in 2025.

Completed Bachelor of Computer Applications (BCA) at Bishop Heber College, Trichy, Tamil Nadu, in 2023.