

Poornima D

Motivated and oriented software engineering student with a good foundation in computer science principles, programming languages C++/Java, with a keen interest in learning and adapting to new technologies. Demonstrated problem-solving abilities, effective communication skills, and a collaborative mindset, acquired through coursework and hands-on project experiences. Eager to contribute to innovative software solutions and deliver high-quality work in a team-oriented environment.



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EDUCATION

BE in Computer Science and Engineering Acharya Institute Of Technology

10/2020 - 05/2024

EXPERT PRE-UNIVERSITY

Mangalore, Karnataka

2018 - 2020

WORK EXPERIENCE

Artificial Intelligence Intern Rinex

06/2022 - 09/2022

Achievements/Tasks

- Participated in an immersive internship program focused on Artificial Intelligence and Machine Learning acquiring hands-on experience in Python, machine learning, and data analysis. Led the development of a project aimed at vulnerability analysis on third-party applications, leveraging AI/ML techniques. Contributed to the creation of a machine learning-based tool that preemptively detects and prevents phishing and malware threats, bolstering cybersecurity measures. This experience honed my skills and passion for AI/ML, equipping me with the expertise to contribute to cutting-edge solutions in the field.

Data Science Intern Ei System Technologies

07/2023 - 08/2023

Achievements/Tasks

- Participated in an intensive data science internship, gaining hands-on experience with Python, machine learning, and data analysis. Developed a Random Forest Classifier to predict red wine quality, achieving strong evaluation metrics. Conducted data preprocessing, feature scaling, and data visualization with Matplotlib and Seaborn. Collaborated with professionals on real-world projects, solidifying my passion and equipping me with tools for cutting-edge data science solutions.

SKILLS

C++

Java

DSA

OOPS

MySQL

HTML/CSS

ETL

Power BI

E-commerce

PERSONAL PROJECTS

Vulnerability Analysis On Third Party Applications

- Developed a machine learning-based tool for vulnerability analysis of third-party applications. This tool preemptively detects and prevents phishing and malware threats, significantly enhancing cybersecurity measures. Implemented various classifiers, real-time threat detection, and a user-friendly interface to provide actionable insights and robust protection

Tourism Management System

- Developed a comprehensive, database-driven system to manage tour operations. Features included user functionalities for viewing available tours, booking slots, and rating/reviewing trips. Admin capabilities allowed for adding, deleting, and monitoring tour events, enhancing operational efficiency and user experience.

Wine Quality Prediction

- Developed a data science project to predict red wine quality based on chemical properties. Preprocessed the dataset and employed a Random Forest classifier to evaluate model performance using accuracy metrics. This automated system aids wine producers and consumers in assessing wine quality efficiently.

CERTIFICATES

AIML internship Certificate - Rinex

Data Science internship Certificate - Ei System Technologies

Database Management System - Infosys Springboard

LANGUAGES

English

Full Professional Proficiency

Kannada

Native or Bilingual Proficiency

Telugu

Full Professional Proficiency

Hindi

Limited Working Proficiency