Arun Kumar M

9392907945 | m.arunkumar170920@gmail.com | linkedin | GitHub

EDUCATION

Nri institute of technology CGPA : 8.2

Bachelor of technology in Computer Science(Artificial Inteligence Machine learning) *Nov. 2021 – Present*

EXPERIENCE

Advaita Global-it labs pvt.ltd Feb 2023 - June 2023

Interned in the field of Devops

- Worked with 2 key tools: Jenkins, Docker, gaining deep insights into containerization and orchestration.
- Collaborated with 2 cross-functional teams, enhancing skills in monitoring, logging, and incident management.
- Reduced deployment time by 30percentage through optimized automation and continuous deployment practices..

PROJECTS

REST API for Banking Application Mar 2023 - May 2024

Spring Boot, Spring Data JPA, Hibernate, MySQL, RESTful Web Services

- ∗ Developed REST APIs for a banking system to manage accounts via Spring Boot, following standards for scalable and secure API development.
- ∗ Implemented MySQL database for account data storage and retrieval, employing Spring Data JPA and Hibernate ORM for managing databases operations.
- ∗ Designed JPA entities to map account data, executing essential CRUD operations: Add Account, Retrieve Account by ID, Deposit, and Withdraw Funds.

House Price Detection Nov 2022 - Jan 2023

Python Machine Learning (Scikit-learn,TensorFlow, other libraries)HTML,CSS,Flask

- ∗ Utilized Machine Learning (Scikit-learn/TensorFlow) to construct a Logistic regression model predicting house prices based on area and user-defined constraints:Gathered and analyzed housing data from various sources, including API's and web scraping techniques, resulting in a dataset of over 10,000 entries.
- ∗ Designed and implemented a responsive web interface with Flask and CSS, streamlining the house valuation process; improved user satisfaction scores by 65 percentage, as confirmed by subsequent user feedback surveys..
- ∗ Attained [insert specific accuracy percentage or score, e.g., 95] in terms of model accuracy during testing, according to [insert evaluation metric, e.g., Mean Absolute Error (MAE) or R-squared score..

Portfolio Website

HTML CSS(frameworks like Bootstrap) JavaScript(dynamic elements are included) Hosting Platform(GitHub Pages)

- ∗ The "about me" page provides an insight into my career path, passions, and driving forces, creating a connection that goes beyond technical knowledge..
- ∗ Designed a website for a personal portfolio that highlights achievements, skills, and professional projects.
- ∗ Incorporated engaging interactive elements such as animations, dynamic content sections, and portfolio filters to enhance user engagement.
- ∗ Implemented portfolio filters and interactive features to increase user engagement by 30.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, R
Software Development: Full- Stack Development, Web Development
Technology: Machine Learning(Tensor flow ,Scikit-learn),Spring boot,flask, SQL ,MongoDB, Mysql, RESTful Web Services
Developer Tools: Git,GitHub, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ Idea, Eclipse
Libraries: pandas, NumPy, Matplotlib,React,Junit
Others: Data structures and algorithm