Aleena Alby

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SKILLS

Programming: Python3 (Pandas, Numpy, Sckit learn, Matplotlib, Seaborn, Beautiful Soup), SQL, Rmarkdown

Data visualization: Tableau, Power BI

Spreadsheets: Excel, Google sheets

Webdevelopment: HTML, CSS, Javascript, ReactJs, Figma, Django, Django REST Framework

SUMMARY

Experienced software engineer with a strong background in full-stack development and a passion for building high-quality, user-friendly applications. Skilled in Python, JavaScript, HTML, CSS, and SQL, with a proven track record of delivering projects on time and within budget. Strong team player and eager to take on new challenges, always willing to expand skills and knowledge.

EDUCATION

MSc Data Science & Computational Intelligence
2022 - 2023
Coventry University, United Kingdom
Core Modules: Information Retrieval, Data Management Systems, Artificial NeuralNetwork, Statistical methods, Modelling and Optimisation under Uncertainty, Big Data Analytics and Data Visualisation

Bachelor of Computer Application
2015 - 2018
DePaul institute of science & technology, India
Core Modules: Methodology of Programming and programming in C, Discrete Mathematics, Data Structures. Design and Analysis Of Algorithms, C++, Database Management Systems, Computer Networks, Java Programming, and Data Mining.

PROFESSIONAL EXPERIENCE

Software Engineer at Emdeon Digital service
January 2020 - June 2021
- Developed and maintained web applications using Python Django and Django Rest Framework.
- Worked with relational databases such as MySQL and PostgreSQL to store and retrieve data.
- Created RESTful APIs using Django Rest Framework for data exchange between client and server.
- Used React JS for building user interfaces and creating single-page applications (SPAs).
- Utilized Redux and React Hooks for state management and handling complex application logic.
- Collaborated with cross-functional teams to gather requirements, design, and implement features.
- Participated in Agile/Scrum meetings and contributed to the team's continuous improvement.

System Administrator at Reunion Fire systems Pvt.Ltd
November 2018 - December 2019
- Analyze and document hardware and software errors, as well as troubleshoot them
- Responsible for storage planning and database performance

CERTIFICATION

- Microsoft Certified: Azure Fundamentals
- The Data Scientist's Toolbox (COURSERA)
- SQL (Advanced) certificate (HACKERRANK)

PROJECTS

Dissertation: Diabetic Retinopathy Detection using Deep Learning
- Using the Kaggle fundus retina image dataset
- Deep Learning-based diabetic retinopathy disease detection and classification techniques are analyzed and reviewed.

GitHub Link: https://github.com/AleenaAlby/Diabetic-Retinopathy-detection