Rahul K

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EDUCATION

A P J Abdul Kalam Technological University   Trivandrum, Kerala
BTECH - Computer Science and Engineering   *2018 Aug – 2022 July*
CGPA – 8.06

TECHNICAL SKILLS

Programming Languages: Python, SQL, C Programming, JavaScript, HTML & CSS
Libraries and Frameworks: Numpy, Pandas, Seaborn, Matplotlib, Scikit-learn, Streamlit, Django & DRF
Tools: Power BI, Excel, Alteryx, MySQl, MongoDB, Git, Linux & Jira
Technologies: Data Analytics, Machine Learning, Web Scrapping, Data Visualization & Project Management
Soft Skills: Team Player, Communication, Attention to Detail, Leadership & Problem Solving

WORK EXPERIENCE

Information Technology Project Coordinator
Talrop, Kochi, Kerala   *2024 Jan - Present*

- Managed projects using Agile methodologies, acting as Scrum Master through Jira and Zoho Sprints
- Made critical decisions to ensure successful project completion.
- Coordinated and facilitated team activities, including sprint planning, daily stand-ups, and retrospectives.
- Supported technical projects in Python, React, React Native, flutter environments.
- Collaborated with cross-functional teams to gather and document business requirements.

Machine Learning Developer
Activbytes, Trivandrum, Kerala   *2023 July – 2023 Dec*

- Utilized advanced web scraping techniques to extract valuable data from multiple social media platforms for comprehensive data analysis.
- Demonstrated expertise in managing and optimizing NoSQL and graph databases, ensuring efficient data storage and retrieval.
- Applied machine learning methodologies to drive innovative solutions in anomaly detection and data analysis projects.
- Employed version control systems like Git for collaborative project development, enabling effective team collaboration and version tracking.
- Utilized feature engineering techniques to enhance the performance of machine learning models.

PROJECTS

- **Find My Lab**, It was a college final year project. Developed a web application using Django for booking appointments in diagnostic labs. Implemented a chatbot for symptom intake and test name suggestions using machine learning. [Git Link](#)
- **ToDo Application**, Created a ToDo application using Django and MySQL, featuring user authentication and CRUD operations. Implemented task management with options to add, edit, and delete tasks, along with pagination and search functionality for easy task navigation. | [Try here](#)
- **Laptop Price Predictor**, Created a machine learning model to predict laptop prices based on features like RAM, CPU, GPU, and Brand. Deployed the model using a Streamlit interface for easy user interaction and testing. | [Link](#)
- **Ecommerce Website**, Implemented features such as user authentication, product categorization, cart management, and a secure checkout process. | [Git Link](#)
- **Anomaly Detection,** Developed an anomaly detection engine using machine learning and user behavior analytics to identify unusual patterns, enhancing security and operational insights during my internship.

CERTIFICATIONS

- Python Programming Course (Approved by NSDC)
- Google Data Analytics Professional Certification | [CERTIFICATE](#)
- IBM Machine Learning Professional Certification | [CERTIFICATE](#)
- Data Scientist Certification by Data Science 365 | [CERTIFICATE](#)