


TEK011389 (MLOps - 5 + Year) MCA - Computer Science

Highlights

Profile

Web Developer with 5+ years of total industrial experience that comprises of solid 3 years experience in Python, Machine Learning and Data Science. Have expertise in preparing and preprocessing data, deriving useful insights from data, developing and deploying highly scalable machine learning models.

Skills

Primary Skills

- MySQL

Secondary Skills

- Python

Other Skills

Skills –

- Python
- MongoDB
- HTML
- Machine Learning
- Deep Learning
- CSS
- Bootstrap
- Data Analysis
- Power BI
- SQL

Projects

Project 1. - IT Industry

Role - ML Engineer

Responsibilities -

- Involved in Data Pre-processing Techniques for making the data useful for creating Machine Learning models.
- Experience with common data science toolkits, such as Anaconda, NumPy, Pandas, Seaborn, SciKit-Learn, NLTK, etc.
- Excellent understanding of machine learning techniques and algorithms, such as Linear Regression, Decision Tree, Random Forest, Bagging and Boosting etc.
- Developed machine learning models to solve complex business problems.
- Analyzed large datasets and identified patterns for data-driven decision making.

- Preprocessed raw data for use in machine learning models, including cleaning, encoding, and feature extraction.
- Managed project timelines and resources effectively while working on multiple tasks simultaneously.
- Optimized existing machine learning models for improved performance and efficiency.

Project 2. - IT Industry

Role - Web Developer

Responsibilities -

- Designing and developing responsive web applications using HTML, CSS, and JavaScript.
- Collaborating with designers to implement user-friendly interfaces and optimize user experience.
- Testing and debugging code to ensure functionality and performance.
- Conducting code reviews and providing feedback to team members.
- Keeping up-to-date with emerging web technologies and best practices.
- Help team members to solve software development related technical problems.
- Documenting code and processes for future reference and team collaboration.
- Help team members to solve software development related technical problems.
- Check browser compatibility and Responsiveness

Project 3. Inventory Management - IT Industry

Role - Machine Learning

Responsibilities -

- Designed and implemented an advanced Inventory Management System leveraging machine learning techniques optimize stocking levels, predict demand, and automate replenishment processes.
- Gathered and preprocessed historical sales data to extract meaningful insights and trends. Engineered relevant features including time-based attributes and product characteristics to enhance model performance.

Project 4. Predictive Maintenance for Oil and Gas Equipment - IT Industry

Description: Developed a machine learning model to predict equipment failures and optimize maintenance schedules in the oil and gas industry, reducing downtime and maintenance costs.

Technologies Used: Python, scikit-learn, pandas, NumPy

Project 5. Product Sales Data Analysis using Power BI - IT Industry

Responsibilities -

- Led a comprehensive product sales data analysis project utilizing Power BI to extract actionable insights, enhance decision-making processes, and drive business growth.
- Conducted in-depth analysis of sales patterns, identifying opportunities for upselling, cross-selling, and market expansion, resulting in targeted marketing campaigns and revenue growth.

Project 6. Cement Strength Prediction - IT Industry

Role - Machine Learning

Description: Developed a machine learning model to predict the strength of cement based on its composition and other parameters, aiding in quality control and optimization of concrete manufacturing processes.

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- Co-ordinate with Team Members and Onsite Coordinator.
- Check browser compatibility and Responsiveness.
- Delivering the project as per scheduled milestones.
- Share daily updates with onsite team in daily meeting

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- Led website design project from conception to launch, ensuring user friendly interface and responsive design.
- Collaborated with cross-functional teams to gather requirements, wireframe, design, and implement solutions.
- Utilized HTML, CSS, and JavaScript for front-end development, delivering a visually appealing and functional website."