GAGAN G

Data Scientist

CONTACT

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OBJECTIVE

Dedicated and enthusiastic B.Tech graduate (2025) seeking opportunities to apply technical knowledge and problem-solving skills in software development. Passionate about leveraging emerging technologies to create innovative solutions and contribute to organizational growth while continuously learning and adapting to new challenges.

ROLES AND RESPONSIBILITIES

- Collaborated with cross-functional teams to develop and maintain software applications
- Participated in code reviews and provided constructive feedback to improve code quality
- Assisted in requirement analysis and technical documentation
- Contributed to agile development processes and sprint planning
- Conducted unit testing and debugging to ensure software reliability
- Supported senior developers in implementing new features and functionalities

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SKILLS

- **Programming Languages :** Python, Java, JavaScript, C++, SQL
- **Web Technologies :** HTML5, CSS3, React.js, Node.js
- **Databases :** MySQL, MongoDB, PostgreSQL
- **Tools & Technologies :** Git, Docker, AWS, VS Code
- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Time Management

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EXPERIENCE

Java Full-Stack Developer (Intern)

GLOBAL QUEST TECHNOLOGIES

- Developed and maintained robust backend services using Java, Spring Boot, RESTful APIs and Integrated MySQL/PostgreSQL databases for efficient data management.
- Built dynamic and responsive user interfaces using HTML, CSS,JavaScript and modern front-end frameworks like React and Angular to deliver seamless user experiences.

Machine Learning and Data Science(Intern)

KARUNADU TECHNOLOGIES PRIVATE LIMITED

- Worked as a Machine Learning and Data Science intern, gaining hands-on experience in data pre-processing, model development.
- Implemented machine learning algorithms for predictive analysis, optimized models for accuracy, and worked with real-world datasets.

Python and PyQt5(Intern)

KARUNADU TECHNOLOGIES PRIVATE LIMITED

- Developed a strong understanding of python and PyQT5 Successfully completed all tasks assigned by the instructors.

PROJECTS

1. AI-Powered Content Generation Platform (Gen AI Project)

Title : Smart Content Creator - AI-Driven Writing Assistant

Description:

Developed an intelligent content generation platform that leverages advanced language models to create high-quality articles, blog posts, and marketing copy. The system incorporates natural language processing to understand context and generate contextually relevant content while maintaining brand voice consistency. Implemented user feedback mechanisms to continuously improve content quality and relevance.

Skills Used : Python, Open AI API, Natural Language Processing, Flask, React.js, MongoDB.

Roles and Responsibilities :

- Designed and implemented the core AI content generation engine using transformer models
- Developed RESTful APIs for seamless integration with frontend applications
- Implemented user authentication and content management systems
- Created responsive web interface for content editing and publishing
- Integrated plagiarism detection and content optimization features
- Conducted performance optimization and scalability improvements

2. Predictive Analytics for E-commerce (ML Project)

Title : Customer Behavior Prediction System

Description :

Built a machine learning system to predict customer purchasing behavior and optimize inventory management for e-commerce platforms. The project analyzes historical transaction data, customer demographics, and browsing patterns to forecast demand and recommend personalized products. Achieved 85% accuracy in purchase prediction and 30% improvement in inventory turnover rates.

Skills Used : Python, Scikit-learn, Pandas, NumPy, Matplotlib, SQL, Jupyter Notebook

Roles and Responsibilities :

- Collected and preprocessed large datasets from multiple e-commerce sources
- Implemented feature engineering techniques to extract meaningful patterns
- Developed and trained multiple ML models including Random Forest and XGBoost
- Created data visualization dashboards for business insights
- Optimized model performance through hyperparameter tuning
- Deployed the system using Docker containers for production use

3.E-Commerce Application

- Developed a full stack E-Commerce and Logistics application with features like user authentication, product catalog, shopping cart, and order management using Java, JSP/Servlets, and MySQL for the backend.
- Designed the front end using HTML, CSS and Java Swing UI, enabling users to browse products by category, manage cart items, and generate bills at checkout.

4.Courier Database Management System

Developed a Courier and Logistics Management System to store, retrieve and manage shipment details, customer data, delivery status and payment records in a structured format.

Implemented real-time parcel tracking and automated dispatch scheduling features to improve operational efficiency and streamline logistics workflows.

5.Sign Language Detection using Deep Learning

Developed a deep learning model for detecting and classifying words in sign language instead of just alphabets and numbers using static gesture detection.

CERTIFICATIONS

- Web Development, Java Full-Stack Developer.
- Python for Data Science and Machine Learning.

EDUCATION

Impact College of Engineering And Applied Sciences | 2021–2025

Bachelor of Engineering,Artificial Intelligence and Machine Learning

- GPA: 6.3

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge.

PLACE :
DATE :

GAGAN G