Vedantsinh Gohel

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With expertise in data engineering and a passion for driving insights, I excel in designing and optimizing ETL pipelines to support decision-making. My goal is to contribute to a dynamic team, tackling data challenges and driving innovation.

SKILLS

Programming Languages: Python ,Java ,C# ,JavaScript ,PHP ,Ruby ,Swift ,Kotlin ,TypeScript, Scripting Languages

Web Development Technologies: HTML ,CSS ,Sass ,Node.js ,React.js ,Angular ,Vue.js, Bootstrap, Web Application Development, Digital Transformation

Software Engineering & Development: Software Engineering, Applications Development, QA, Debugging Skills, Software Testing, Business Processes, Test Automation

Databases: MySQL ,PostgreSQL ,MongoDB ,SQLite ,Oracle Database ,Microsoft SQL Server, Relational Databases

Version Control Systems: Git ,GitHub ,GitLab ,Bitbucket

Software Development Tools: Visual Studio Code, JetBrains IntelliJ IDEA, Eclipse, SublimeText, Atom, NetBeans

Networking Fundamentals: TCP/IP ,DNS ,HTTP/HTTPS ,Routing ,LAN/WAN ,OSI Model, Computer Networking, Embedded Networking

Cloud Technologies: Amazon Web Services (AWS), Microsoft Azure, Google Cloud,Platform(GCP), IBM Cloud, ,Oracle Cloud, Heroku , Vercel , Netlify

Operating Systems: Linux, OS, Boot Camp, Embedded Systems, Hardware Compatibility

Cybersecurity: Encryption, Authentication, Firewalls, Debugging Skills

Software Testing: Functional Testing, Manual Software Testing, Manual Test, Regression Testing

Project Management: Project Requirements, Productive

Soft Skills: Problem-solving, Communication, Teamwork, Time Management, Adaptability, Attention to Detail, Customer Experience, Passion for Technology, Dedication, Accountability, Creativity, Willingness to Learn

WORK EXPERIENCE

Web Development Intern & Assistant Team Leader   Oct 2023 – Jan 2024
Gaotek

- Advanced training in web development, focusing on front-end (HTML, CSS, JavaScript) and back-end (Node.js, Express.js) technologies.
- Demonstrated leadership as Assistant Team Leader, coordinating tasks and ensuring project deadlines were met.
- Collaborated with cross-functional teams to develop responsive web applications, emphasizing performance and compatibility.
- Contributed to database design and management, optimizing schema for scalability and efficiency.
- Led ETL process development, extracting and transforming data for analysis and reporting.
- Supported data-driven decision making through active involvement in data collection, analysis, and visualization projects.

EDUCATION

Computer Programming And Analysis   Jan 2022 – Apr 2024
George Brown College

PROJECTS

BLO   Sep 2023 – Present

Led the development of BLO Fashion Web App, implementing React.js and Node.js for full-stack functionality.Integrated machine learning for personalized recommendations, advanced analytics for user insights, and 3D modelling for enhanced visuals using Python and Blender.

- Full-Stack Development (React.js, Node.js, Express.js)
- Advanced Analytics (MongoDB)
- Machine Learning Integration (Personalized Recommendations)
- 3D Modelling & Chatbot (Python, Blender)
- Agile Methodologies (Iterative Development)

CIFAR-10 DeepVision   Jan 2024 – Apr 2024

Developed a CNN-based image classification model for the CIFAR-10 dataset. Designed and implemented a CNN architecture with dropout regularization, achieving a test accuracy of 71.13%. Visualized the training process using matplotlib to analyze performance.

- CNN-based image classification model development
- Data preprocessing and one-hot encoding for training
- CNN architecture design with convolutional, pooling, and dropout layers
- Achieved 71.13% test accuracy on CIFAR-10 dataset
- Training visualization using matplotlib
- **Technologies:** Python, TensorFlow, Keras, matplotlib

CERTIFICATIONS

Digital Marketing   Oct 2023
Gaotek