Jaiveer Singh

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EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Lassonde School Of Engineering - York University, Toronto ON

WORK EXPERIENCE

FREELANCE AI EVALUATION SPECIALIST
Outlier | Remote | January 2024 - March 2024
- Evaluated and analyzed AI-generated code to identify strengths and weaknesses, enhancing model performance through reinforcement learning.
- Developed assessment criteria for code quality, accuracy, and efficiency, providing actionable feedback to improve AI model code generation capabilities.

PROJECTS

FULL STACK E-COMMERCE PLATFORM
Deployment: http://140.238.147.51   Source Code : github.com/JaiveerS/ecommerce-store-backend
- **Designed and implemented** a comprehensive full-stack e-commerce platform utilizing Java, Spring Boot, ReactJs and MySQL.
- **Architected a secure and scalable backend using Spring Boot** with a modular design and RESTful API.
- **Implemented robust security measures, including JWT-based authentication and authorization** within the Spring Security framework, to safeguard sensitive user data and transactions.
- **Developed a responsive, user-friendly interface with ReactJS and Tailwind CSS,** ensuring cross-device compatibility and optimal user experience.
- **Engineered comprehensive CRUD operations** for products, orders, and user profiles using Spring JPA, enabling efficient data management and streamlined order processing.
- **Successfully deployed the application** on a Virtual Private Server (VPS) with Nginx, ensuring reliable access for users.

BLUE COLLAR REACT APP
Deployment: http://140.238.155.208   Source Code : github.com/JaiveerS/blue-collar-app
- **Designed and implemented** a user-friendly React application to showcase business information and services.
- **Integrated a contact form** using the EmailJS API, allowing users to submit their contact information directly through the website, enhancing direct communication with the business.
- **Ensured a responsive design,** guaranteeing seamless adaptation to various screen sizes and devices for a consistent user experience.
- **Deployed the application** on a VPS using Nginx for efficient and reliable performance.

SMART EMPLOYEE MANAGEMENT SYSTEM
Source Code : github.com/JaiveerS/smart-employee-managment-system
- **Designed** a scalable and modular employee management system using a 3-Tier architecture, Model-View-Controller (MVC) pattern, and Service-Oriented Architecture (SOA) approach.
- **Developed a functional prototype** to demonstrate core functionalities and user experience, allowing for early feedback and iterative improvements.
- **Created comprehensive documentation** including UML diagrams (use case, sequence, class, component, deployment) to support system understanding and development.
- **Collaborated effectively with a team** of 5 developers, organizing regular meetings to ensure clear communication and efficient project execution.
- **Contributed to project management tasks** , including defining project plans, setting milestones, and overseeing the timely completion of deliverables.

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Java, SQL, C, C#, Python
- **Frameworks & Libraries:** React, Spring Boot
- **Tools & Technologies:** Git, Nginx, Linux, Bash