Pham Quoc Vuong

Backend Developer - Web Developer

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SKILLS

- Programming Languages: **Strong knowledge of JavaScript and Node.js frameworks with basic experience in C#, Java (Spring Boot)**
- Proficient in working with multiple DBMS: **SQL Server, MySQL, Oracle, MonogoDB, Redis**
- CI/CD & Deployment: **Experience with CI/CD practices and basic deployment**, including using AWS services such as RDS and EC2 for database and server setup.
- **Basic GitHub Code Management:** Version control, branch management, pull requests, code merging.
- English Proficiency: **Reading Comprehension, Writing Documentation in English**

EDUCATION

16/10/2020 - Today

INFORMATION SYSTEMS - FIT

Ho Chi Minh City University of Science

4th-year Student
*Note: Successfully defended my thesis and completed all coursework, with expected graduation in November this year.

PROJECTS

BOOKADA - Research and apply real-time shopping suggestions to e-commerce websites

01/01/2024 - 14/08/2024

Source:
https://github.com/phamvuong2002/RT-Recommendation-Project.git

Demo:
https://youtu.be/zkST8O6y93w?si=1jfa787CKBUwMGIk

Visit Project: bookada.io.vn
Number of project team members: 3

DESCRIPTION

Bookada is a project that integrates a real-time recommendation system for an online bookstore. The project aims to address the challenge of customer data scarcity and to identify similarities in user preferences by collecting and analyzing their behavior on the website in real-time. By applying machine learning models, we developed a personalized product recommendation system. Through rigorous testing, the recommendation system was evaluated as highly effective and suitable for deployment in small to medium-sized enterprises.

Job Responsibilities in the Project:

- **System Architecture and Leadership:** Led the team as the project leader, responsible for designing the overall system architecture, which included an e-commerce platform for book sales, a real-time data collection system, and a recommendation engine.
- **Code Implementation:** Developed key functionalities such as the shopping cart, payment processing, voucher application, order management, and user feedback collection. Gained experience in handling payment processing for high-demand scenarios, such as when multiple users attempt to purchase the last item in stock, and collaborated with third-party payment service providers.
- **Real-time Data Collection:** Designed and implemented the real-time user behavior data collection system. Gained hands-on experience with Apache Kafka and Redis, powerful tools for real-time data processing.
- **Database Design and Implementation:** Participated in the full cycle of database design and implementation for the project.
- **CI/CD and Deployment:** Took full responsibility for the deployment and hosting of the project, utilizing AWS services such as RDS and EC2 to set up databases and servers.

TECHNOLOGIES USED

- Frontend: ReactJS, Tailwind Css

- Backend: NodeJS, Python, SQL, Kafka, Tensorflow
- DBMS: MySQL, MongoDB, Redis

Develop Ecommerce-Website with Saleforce Commerce Clould Platforms

15/06/2023 - 20/09/2023

Developer at Globee Company
Globee Company

Number of project team members: 8

DESCRIPTION

During my internship, I gained hands-on experience with Salesforce Commerce Cloud platforms, focusing on e-commerce website development and management. I was involved in designing and setting up promotional landing pages, supporting partners, and resolving issues. I also received training in loyalty program management and participated in testing and quality assurance tasks.

Job Responsibilities during the Internship:
- **Landing Page Design and Setup:** Responsible for designing and setting up landing pages for promotional campaigns within the Salesforce Commerce Cloud (SFCC) platform for branches of American Tourister in Malaysia and Hong Kong.
- **Partner Support and Issue Resolution:** Actively involved in supporting partners and resolving issues for the American Tourister brand, ensuring smooth operation and addressing any technical challenges.
- **Loyalty Management Training:** Received training on loyalty programs and utilized Loyalty Management tools to set up campaigns for the Samsonite branch.
- **Testing and Quality Assurance:** Participated in the testing phase, including tasks to verify interface functionality and identify policy errors related to voucher application.

TECHNOLOGIES USED

Frontend: HTML, CSS, JAVASCRIPT (Bootstrap, JQuery)
Backend: SFCC Platform

ABC Food Ordering System

10/09/2022 - 10/01/2023

Source:
https://github.com/NganVo05/ABC_WEB
Demo:
https://youtu.be/hqyUW80AnXk

Number of project team members: 4

DESCRIPTION

The ABC Food Ordering System is a web-based platform that facilitates the seamless process of placing and delivering food orders. It offers various user roles to ensure efficient management and operations. Key features include:

Customer:
- Browse menus and place food orders online.
- Track the status of their orders.
- Provide feedback and ratings for completed orders.

Staff:
- Manage drivers partners and another staffs.
- Monitor and analyze restaurant performance.

Driver:
- Accept delivery requests.
- Update the status of orders.

Partners:
- Register and list their products on the platform.
- Manage their menus, prices, and availability.
- Track revenue and sales statistics.

Job Responsibilities in the Project:
- Participating in the construction of the Backend Server
- Contributing to Database Design
- Designing User Interface for the Partner Role

TECHNOLOGIES USED

Frontend: HTML, CSS, JAVASCRIPT
Backend: SQL, NodeJS (Express)
DBMS: SQL Server

Author Management System
21/08/2022 - 07/01/2023

Source:
https://github.com/phamvuon
g2002/SE_QLTG

Demo:
https://youtu.be/xYRM8D0-kXw

Number of project team
members: 5

DESCRIPTION
Web Project with Different User Roles (Author, Editor, Admin)
The web project involves various user roles, including Author, Editor, and Admin. The
system allows users to log in and perform their respective roles as follows:

Author:
  • Ability to write, read, update, view ratings, and comment on their own story versions.

Editor:
  • Ability to view, evaluate, and provide feedback on stories written by Authors.
  • Ability to create and update evaluations.

Admin:
  • Ability to view, read stories.
  • Ability to manage user accounts within the system.

Job Responsibilities in the Project:
  • Participating in the construction of the Backend Server
  • Contributing to Database Design
  • Supporting Frontend Development

TECHNOLOGIES USED

Frontend: ReactJS
Backend: SQL, NodeJS (Express)
DBMS: SQL Server

ADDITIONAL INFORMATION

Self-assessment:
  • Friendly and cheerful personality
  • Diligent, careful, and responsible in work
  • Enjoy learning and exploring new knowledge