Loudwige Odice . Jarvis Consulting

I am a software developer passionate about building scalable, resilient, and secure applications. I have a bachelor's degree in computer science and spent two years in a master's program doing research in software requirements engineering. My experience in the field includes two internships where I learned about desktop application development using Core Java, two web applications in Ruby using Agile methodology, service-oriented architecture, and service security. In my spare time, I work on personal projects using Spring Boot. I am currently part of the Jarvis Software Development Program as a Junior Software Developer, working on several applications allowing me to hone my skills in the most sought-after technologies in the software development industry. Outside of school and work, I enjoy sharing my knowledge. In 2017, I volunteered as the coordinator of an IT project where I created a learning program to help children gain computer science skills. In 2021, I was a teaching assistant in a C++ data structures and algorithms class.

Skills

Proficient: Java, IntelliJ, Maven, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Spring Boot, Ruby, SOA, REST API, MVC, Docker

Familiar: Python, JavaScript, React, Test-Driven Design, Domain-Driven Design, Microservices

Jarvis Projects

Project source code: https://github.com/Jarvis-Consulting-Group/jarvis_data_eng-loudwige

Cluster Monitor [GitHub]: Designed and implemented a cluster monitoring solution using Linux command lines, Bash scripts, PostgreSQL, docker, IntelliJ IDE, and SCRUM methodology to allow the Jarvis Linux Cluster Administration Team to manage a Linux cluster of 10 nodes/servers running CentOS 7. This project records the hardware specifications of each node and monitor node resource usage. The team uses those data to generate reports for future resource planning purposes.

Core Java Apps [GitHub]:

- Twitter App: Not Started.
- JDBC App: Not Started.
- Grep App: Not Started

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Jobifyy [GitHub]: Implemented a web application that analyzes resumes and checks for important missing sections. This project was implemented using Ruby, SQLite3, Agile, Layered Architecture, Domain Driven Design, Test Driven Design, and Docker Deployment.

EtaShare [GitHub]: Implemented a web application that allows secure file sharing. It was implemented with a secure distributed architecture using the security dimensions of IT services such as Token-based authentication, Encrypted cookies, Client-Side policies and Google SSO, Database Hardening, and technologies such as Ruby, Slim, CSS, SQLite, Git, Github, Agile Methodology and Automated testing.

Professional Experiences

Software Developer, Jarvis (2023-present): Worked as a junior software developer developing multiple applications using technologies such as Linux, Java, RDBMS, SQL, Javascript, React, Docker, and data projects using Python, Hadoop, and Spark/Scala to perform data analysis. Immersed in an Agile environment adopting the SCRUM methodology.

Teaching Assistant, National Yang Ming Chiao Tung University (Mar 2021- Jul 2021): Assisted 93 students with their programming lab assignments by explaining the requirements of each homework and answering questions. Discussed assignment and project concepts with other teaching assistants. Participated in selecting and grading students' programming assignments and final projects.

Intern, World Vision International (Nov 2018- Feb 2019): Collaborated in developing an application that uses data from calls made to the office to generate monthly reports that facilitate payment to the VOIP service provider of monthly fees and surcharges for internal outbound calls. Analyzed user needs to determine technical requirements. Technologies used: Java, MySQL, Bootstrap, JavaScript

Intern, HELP (Jul 2017- Dec 2017): Participated in the implementation of a student attendance management system using Java. This system reduced the number of late arrivals to class by 95%. Monitored the entire software lifecycle to meet the project's specifications and deadlines. Technologies used: Java, MySQL, Bootstrap, JavaScript.

Education

Ecole Supérieure d'Infotronique d'Haïti (2014-2018), Bachelor of Computer Science, Computer Science - MOFA Taiwan Scholarship - Dean's List (2014, 2015): Top 5 in class

National Yang Ming Chiao Tung University (2020-2022), Master of research in Software Engineering, Electrical Engineering and Computer Science

Miscellaneous

- To be added
- Clinton Global Initiative For university top 50 best projects
- Reading
- Women Who Code member
- Volunteer, HELP: IT Project Coordinator