Israel Solís Iglesias

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Education

University – Degree in Software Engineering   2024

- Object Oriented Programming (OOP) and application development in Java
- Design Patterns and Data Structures
- Programming technologies and paradigms
- Software and standards for the web
- Intelligent Systems and Machine Learning Algorithms

Courses

- GitHub Foundations   Link
- MongoDB Associate Developer   Link

Experience

Java backend development internship - NTT DATA – Oviedo, Asturias   July 2023 – September 2023.

- Participation in a development team applying agile methodologies for the development and maintenance of a budget management system for the public administration sector.
- Developed new functionalities for the system
- Performed tests to verify the proper functioning of the system
- Resolved incidents and provided maintenance for existing system functionalities.

Projects

Activity Tracker - React, Typescript, Node.js, Express, MariaDB, Docker, Jest and Tailwind CSS Private repository

- Performed analysis, design and implementation of web application to analyze programming exercise submissions on GitHub.
- Developed unit tests, integration tests and load tests to verify system performance
- Developed a REST API to facilitate the communication between systems systems
- Designed and implemented optimized user interfaces for multiple devices
- Implemented an authentication system using JWT (JSON Web Tokens)
- Developed an administration panel to centrally manage users and repositories.
- Automated reporting on analysis results and tracking of user progress.
- Analysis of delivery patterns through graphical visualizations to identify trends in delivery behavior and areas of improvement

Expense tracking application - React, Tailwind CSS, Shadcn and Firebase   github.com/Keep-track

- Develop an application to manage personal expenses over time.
- Creation of a fully responsive design using Tailwind CSS and Shadcn
- Use Firebase for data persistence and user authentication

Stock Hub - Angular, Typescript, Java, Spring y PostgreSQL   github.com/Stock-hub

- Web application for managing the storage of a company/store
- Implementation of REST API for user, product and inventory management
- Used PostgreSQL for data persistence

Skills

Languages: Java, JavaScript, TypeScript, HTML, CSS y SQL
Frameworks: React, Express, Spring, Jest y Tailwind CSS
Other: Linux, Git, Docker, MariaDB, MongoDB y Azure