Sílvia Costa Web Developer

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Summary

Enthusiastic Web Developer with a proven track record of building efficient web applications. Led a team in developing a back-office generator NPM package (500+ downloads) that significantly reduced back-end development time. This user-friendly tool empowers developers to streamline back-office creation by automating configuration tasks. Possesses strong skills in both front-end and back-end development, thrives in collaboration, and has a knack for problem-solving.

Skills

Programming Languages
HTML5, CSS3, JavaScript/NodeJS, Python

Cloud/DevOps
AWS EC2, S3, ECR, Lambda, Cognito, API Gateway, Docker

Frameworks
React, Express, GraphQL, Django

Tech Essentials
Git, Linux/Unix OS, Postman, Figma

Databases
MongoDB, MySQL, SQLite

Testing
Jest, React Testing Library

Professional Experience

Backend Developer Intern, *Merkle DACH* 🔗   2024 Jan – present
                                                                              Vila Real
- Led a team in designing and building a secure and scalable back-end project (NPM package) that dramatically reduced development time for back-office functionalities.
- Leveraged GraphQL, Node.js, Express, MySQL and MongoDB to achieve efficient back-end automation, streamlining data management and query generation.
- Implemented a user-friendly wizard to automate back-end configuration, drastically reducing back-end development effort. This allows developers to integrate the package as a middleware and build upon its core functionalities for their specific needs.
- Increased development efficiency by an impressive 20% through automated deployment with AWS services (EC2, ECR) and Docker containerization.

Projects

Beyond Trails - POI Explorer 🔗
- Built a web application using Express.js for the back-end and React.js for the front-end to create a comprehensive POI system.
- Designed functionalities for managing and exploring Points of Interest, enabling users to interact with the data seamlessly.
- Implemented robust back-end functionalities using Express.js, ensuring smooth data handling and system operation.

Little Lemon Restaurant Reservation System 🔗

- Developed a user-friendly online reservation system for Little Lemon Restaurant using React.js and Chakra UI
- Employed responsive design for optimal viewing across all devices.

(more details in portfolio or github)

Little Lemon Restaurant API 🔗

- Built a secure and scalable API using Django REST Framework to manage table reservations for Little Lemon Restaurant.
- Implemented CRUD operations (Create, Read, Update, Delete) for booking data.
- Utilized a MySQL database for efficient data storage.

(more details in portfolio or github)

Education & Training

Full-Stack Development Specialization, *Meta - Coursera*   2022 – 2024

- Front-End Specialization 🔗
- Back-End Specialization 🔗

Web Front-End, MERN Stack, *Polytechnic Institute of Bragança*   2023

CS50X Computer Science (Introductory level), *HarvardX* 🔗   2021 – 2022

High School Diploma   2011

Languages

English (Highly proficient) | **Portuguese** (Native)