Xavier Garcia

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Summary

Hardworking professional trained in computer science and software development. Looks for opportunities to contribute to project success and learns new procedures quickly. Enthusiastic about building deeper understanding of web application structure and practical programming abilities.

Experience

WOMPAD S.A

Full Stack Developer • Guayaquil, Guayas   11/2021 - 06/2022

Maintenance and development of new functionalities in a personalized template for e-commerce (NOT WordPress).
- Full stack developer working with JavaScript and JQuery in frontend and PHP in backend
- Database management in MySQL
- Develop new modules for the CMS of the online stores
- Integrate new functionalities in the purchase process from stores (discount coupons, free shipping, etc.)
- SCRUM as framework for agile software development

Box Solutions

Full Stack Developer • Guayaquil, Guayas   06/2021 - 10/2021

Development of a web application to collect large amounts of information from farmers
- Frontend web application development with Angular
- Serverless database integration with Firestore from Firebase
- Authentication via Firebase
- Angular Material as framework for styles
- Forms and data export in Excel files

Skills

Angular, HTML5, CSS, React, TypeScript, Node.js, Express.js, SQL, PHP, Firebase, AWS

Personal Projects

Livet Medical Center

- Development with React as framework for the frontend
- Hosting with AWS amplify and Authentication with AWS Cognito
- Material UI as framework for styles and use of Redux for management of states
- (App) https://master.d2k1849fzd5ls4.amplifyapp.com/

Proalco

- Creation of the web page with Angular and SCSS.
- Hosting with AWS amplify
- Email service via AWS SES
- (Web) https://www.proalco.com/inicio

Prometeo Shop

- Domain Driven Design and Hexagonal Architecture
- Microservices with docker containers
- Development of Rest APIs with Nestjs
- Content Manager Systems in Angular 14

Multiplayer Online Card Game
- Creation of web server using Node.js, Express and WS. Communication between clients and server using ws protocol and events managers
- Broadcast and private messages implemented on websocket server
- Server hosting on AWS EC2 and client hosting on itch.io
- Client development on Godot
- (Web game) https://melgabson.itch.io/find-the-puppet

Education

Escuela Superior Politécnica del Litoral

Computer Science • Guayaquil, Guayas   08/2023

Relevant courses
- Algorithm analysis
- Data structure
- Database system
- Software Engineering
- Operating systems
- Cloud Computing
- Development of web and mobile applications

Languages

Spanish, English, German

Hobbies

- Games
- Sports
- Movies and Series