Maria Fernanda Hernandez Enriquez

Nationality: Mexican   **Date of birth:** 02/07/1997

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WORK EXPERIENCE

Software developer II
Waltmart International [20/07/2020 – Current]

Address: Perif. Blvd. Manuel Ávila Camacho 491, Periodista, Miguel Hidalgo, 11220 Mexico City (Mexico)
Website: https://corporate.walmart.com/about
Email address: fernanda.hernandez@walmart.com
Name of unit or department: Intl Store Mobile - GTS Mexico - **Business or sector:** Wholesale and retail trade; repair of motor vehicles and motorcycles

- Develop, support, and maintain mobile applications for Walmart store workers globally, with a focus on markets including Mexico, Canada, Central America, Chile, and the USA. Devising solutions that are adaptable across all markets.
- Provide support for legacy applications in the UK, Chile, China, and Argentina.
- Use React Native for cross-platform development, creating mobile apps that function seamlessly on both iOS and Android devices.
- Utilize JavaScript and TypeScript for application development, leveraging these languages to build robust, efficient, and scalable apps.
- Engage in the entire application lifecycle, from the initial concept and development to launch, maintenance, and iterative improvements.
- Perform rigorous unit testing with Jest, Cucumber, and testing-library to ensure the apps meet high-quality standards.
- Work with Figma for UI/UX design, emphasizing responsive design to ensure applications are optimized for a variety of devices and screen sizes.
- Follow CI/CD practices for efficient and reliable app deployment and updates.
- Use Git for version control, maintaining code integrity and facilitating collaborative development.
- Implement Scrum methodology for agile project management, ensuring timely delivery of app features and updates.
- Conduct monthly release cycles, involving extensive testing and review to maintain application performance and user satisfaction across all platforms.
- Address and resolve incidents related to the apps, ensuring continuous service availability and a positive user experience for Walmart's global workforce.

Full stack developer jr
MexiLab [19/08/2019 – 03/06/2020]

City: Puebla
Country: Mexico

- Developed a web application for controlling electronic devices in homes and offices, enhancing user experience and operational efficiency.
- Utilized React JS and Storybooks for front-end development, ensuring a responsive and intuitive user interface, with Material-UI for icons.
- Designed and implemented a secure MySQL database with stored procedures to enhance data security and integrity, managed via Xampp.

- Created a RESTful API using Python within the Anaconda environment for seamless web application and database communication.
- Organized and managed the development process using the Scrum methodology, promoting team collaboration and project transparency.
- Employed NodeJS for the server environment, ensuring robust backend services.
- Used Balsamiq and Figma for creating detailed UI/UX design mockups and sketches, facilitating a clear vision of the final product.

Back end developer intern
Ternium Mexico [06/08/2019 – 30/11/2019]

Address: Av. Munich 101, Cuauhtemoc, Col 22, San Nicolás de los Garza, 66452 Monterrey (Mexico)

Website: https://mx.ternium.com/es

Name of unit or department: IT - **Business or sector:** Construction

- Collaborated with a team to develop a system for internal use within the factory.
- Implemented a MySQL database for storing static data such as employee information and utilized MongoDB for real-time data.
- Enhanced database functionality by incorporating stored procedures for improved efficiency and security.
- Created a RESTful API using Python to integrate Ternium's Cisco system with the internal software infrastructure.

App developer intern
Volkswagen Mexico [08/01/2018 – 07/05/2018]

Address: Av. San Lorenzo Almecatla 16, Sanctorum, Sanctorum, 72710 Puebla (Mexico)

Name of unit or department: IT

- Developed a mobile application for internal company use, catering to the needs of employees.
- Created an iOS application using Xcode and Swift, ensuring compatibility and optimization for Apple devices.
- Integrated Google Maps API to provide location-based services and functionalities within the application.

EDUCATION AND TRAINING

Computer technology engineering
Instituto Tecnológico y de Estudios Superiores de Monterrey [03/08/2015 – 20/06/2020]

Address: Atlixcáyotl 5718, Reserva Territorial Atlixcáyotl, 72453 Puebla (Mexico)

Website: https://tec.mx/es

Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis , Database and network design and administration , Computer use*

Final grade: 97/100

LANGUAGE SKILLS

Mother tongue(s): **Spanish**

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Git / CSS / Android (Android Studio) / IDE (Android Studio, Virtual Studio Code, Xcode) / Android (Android Studio) / Development Methodologies: Scrum, Kanban / XCODE / Flipper / Unit-Testing / Integration Test / IOS(Swift) / Java/Java#/Java Script / Object-oriented programming (Java) / DATA STRUCTURES AND

ALGORITHMS WITH JAVA / CI /CD / Atlassian (Bitbucket, Confluence, Jira) / JIRA: working with Projects and Issues

Front-end

React, React Native, React Hooks, React Router / Design Patterns, TDD and DDD / Storybook (UI component testing) / Front-end development: JavaScript/TypeScript, React, Redux, HTML5, CSS3, / React Hooks, React Redux / Canva, Figma / JavaScript / React (Intermediate) / React Frame Work / Web Development / Javascript, TypeScript / Jest/testing-library

Back-end

Postman / Databases: MySQL, MariaDB, PostgreSQL, MongoDB / Parse and RESTful backend APIs integration, JSON parsing / Managing Databases (MySQL)