



CARLOS FALCON NARANJO

FRONT - END DEVELOPER

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ABOUT ME

Software engineer with more than 4 years of experience in the technology sector. Specialized in the design, development and maintenance of mobile applications and websites, using as main technology: Flutter.

PROFESSIONAL EXPERIENCE

Senior Flutter Developer

All In Biking | September 2023 - Present

- Lead a small team of developers using the Scrum methodology..
- Develop mobile applications using Flutter and the Bloc pattern, ensuring a clean and maintainable architecture.
- Maintain and support external packages and plugins without adequate support.
- Serve as liaison between business, product, design and development team.
- Integrated and manipulated the Google Maps SDK, including markers, route planning, and cluster management.
- Automate tools and workflows using GitHub Actions, CodeMagic and Firebase.
- Implement and oversee continuous integration and deployment (CI/CD) processes.
- Ensure code quality through comprehensive reviews and automated testing.

Front-end Developer

SwinDrinks LLC | January 2022 - May 2023

- Implement responsive user interfaces and use cases based on prototypes designed in Figma, using Flutter SDK and Dart programming language.
- Implement MVVM architecture to ensure a clear separation of responsibilities.
- Integrate external APIs to obtain and process data in real time.
- Integrate and manipulate the Google Maps SDK, including markers and distance calculations. (Mobile)
- Integrate push notifications using Firebase. (Mobile)
- Implement unit, widget, and integration tests with a coverage level greater than 95%.
- Deploy applications to the AppStore and Play Store. (Mobile)

Back-end Developer

Bodegas Pico Real | July 2020 - December 2021

- Deploy server using Node.js and the Express.js framework.
- Ensure server security, using Redis to manage sessions and protect against attacks such as CSRF and XSS.
- Use MongoDB as a NoSQL database.
- Implement strong authentication using the bcrypt library for encrypted password storage.
- Manage authentication and authorization using JWT tokens (JSON Web Tokens) to guarantee security and session management.
- Develop RESTful APIs, including creating routes, controllers, and data validation.
- Implement services for sending emails using libraries such as Nodemailer for notifications and communications with users.
- Integrate libraries and tools like Mongoose, Passport.js and Helmet.
- Develop the CI/CD method in Node.js applications in production environments, using cloud hosting services such as AWS or Azure.

Mobile Developer

Bodegas Pico Real | November 2019 - July 2020

- Implement responsive user interfaces and use cases based on prototypes developed in Adobe XD, using Flutter SDK and Dart programming language.
- Apply the MVC architecture to ensure a clear separation of responsibilities.
- Integrate external APIs to obtain and process data in real time
- Develop unit, widget and integration tests.

ACADEMIC DATA

Universidad de las Ciencias Informáticas

Computer Science Engineering | September 2016 - December 2021

SOFT SKILLS

- Ability to work in team.
 - Ease of adaptation to new technologies.
 - Clear and concise communication with multidisciplinary teams.
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TECHNICAL SKILLS

- Programming language proficiency: Dart, JavaScript, TypeScript, C#, Java.
 - Handling of declarative languages: SQL, HTML, CSS, JSON, GraphQL.
 - Use of SDK/Frameworks: Flutter, Firebase, NodeJS.
 - IDE Usage: Visual Studio Code
 - Use of version control systems such as Git.
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LANGUAGES

English: Intermediate level

Spanish: Native language