Ibrahin Perez

Software Engineer | Android Developer

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Github profile

LInkedIn profile

Houston, Texas 📍

ABOUT ME

Committed mobile engineer with a focus on creating innovative and high-quality mobile experiences. With a strong background in software development and a deep understanding of the latest Android technologies, I am committed to driving project success through creative and efficient solutions.

EXPERIENCE

Freelance Developer

Remote, June 2023 - present

As a freelance developer, I've successfully completed a diverse range of projects sourced from platforms such as Indeed, Glassdoor, and Upwork. My expertise encompasses custom app design and development, proficient bug fixing, and the optimization of existing applications. Utilizing technologies such as Kotlin, Java, and Jetpack Compose, I've adeptly crafted bespoke applications tailored to client specifications. Additionally, my proficiency extends to troubleshooting technical issues and enhancing the performance of pre-existing apps. Throughout these endeavors, I've cultivated strong global collaboration skills, effectively communicating with teams and clients across various geographical locations. My track record underscores my capacity to consistently deliver high-quality solutions, contributing to my positive reputation within the industry.

Software Engineer at XETID

Santa Clara, Cuba, September 2020 - April 2023

As a dedicated software engineer, I have demonstrated a consistent record of success within the software and telecommunications industry. Transitioning from a junior engineer to a senior engineer, I have played a significant role in the design and development of diverse applications for company clients. My expertise spans the entire software development life cycle, from initial concept to final deployment. Highlights of my experience include progressive advancement, where I have advanced from a junior to a senior engineer through dedication and continuous learning. Additionally, I have designed and created multiple applications tailored to meet client specifications, showcasing my proficiency in application development. My comprehensive understanding of the software development process is evident through my involvement in all phases, including requirements gathering, design, implementation, testing, and deployment. Moreover, I have demonstrated leadership capabilities by leading small teams of developers and providing guidance throughout project lifecycles. Furthermore, I have actively contributed to the professional development of others by conducting training sessions at universities, sharing my knowledge and expertise in software development best practices.

SKILLS

- Agile Methodologies Clean
- Architecture Software
- Development Visual Design
- UI/UX
- Design Patterns
- SOLID Principles
- Object Oriented Design Testing
- Collaboration / Teamwork Communication Problem-Solving
- Time Management Adaptability

EXPERTISE

- Android, Android Studio
- Kotlin, Java
- Coroutines, RxJava LiveData, Flow Jetpack Compose
- MVVM, MVP, MVI
- Firebase, Google Play Console Git, Gitflow, GitHub, Bitbucket REST APIs, Retrofit
- Postman, Insomnia
- JUnit, Mockito, Mockk
- Scrum, Kanban
- Jira Environment

CERTIFICATIONS

Android Developer by Meta

- Advanced Programing in Kotlin
- UX/UI Design whit Figma
- Version Control (Git & Github)
- React & React Native Development

API Rest Introduction by EDTeam

- HTTP & HTTPS protocol
- URI & URL handling
- Cookies & Tokens
- API creation with JavaScript

EXPERIENCE

Student Researcher in Artificial Intelligence
Universidad Central Marta Abreu, Cuba, October 2018 - September 2020

As a passionate university student in artificial intelligence research, I am deeply committed to exploring its applications in the sports domain. As a member of a research group focused on enhancing the performance of triathlon athletes, I spearheaded the development of an innovative Android application. This application seamlessly integrates an artificial intelligence model to predict real-time competition times for athletes, revolutionizing the way performance is evaluated in the field. Key highlights of my role include designing and developing the mobile application from scratch, leveraging advanced technologies such as Kotlin and Java to implement the AI model. I meticulously integrated the model with real measurements obtained from athletes during training exercises, fine-tuning specific parameters to optimize competition performance prediction. Moreover, my involvement in sports performance research allowed me to contribute valuable insights to the project, utilizing collected data to analyze and enhance training and competition strategies. Through interdisciplinary collaboration with fellow researchers and experts in sports science and data analysis, I played a pivotal role in developing innovative solutions that have advanced knowledge in the field. This experience has not only deepened my understanding of artificial intelligence and its practical applications but also honed my collaborative skills in a dynamic research environment.

RELEVANT ACHIEVEMENT

Ticket Apk
https://apklis.cu/application/cu.xetid.ticket

In my role at Ticket, I significantly contributed to the development and enhancement of its mobile application, an innovative online booking platform facilitating access to diverse services across Cuba. Responsibilities included designing and implementing essential features like service search, reservation, secure payment, calendar synchronization, and notification management. Additionally, I collaborated on streamlining the ticket booking process for optimal user experience. My efforts were pivotal in ensuring the platform's success in serving Cuba's entire population.

Porter Apk
https://apklis.cu/application/cu.xetid.ticketporter

In my involvement with Portero, an application designed for administrators of the Ticket platform, I was responsible for implementing key functionalities including login, QR code scanning for beneficiary identification or ticket validation, and service attendance management. My contributions helped streamline administrative tasks, ensuring efficient and effective service delivery within the Ticket ecosystem.

MLTriathlon
https://apklis.cu/application/cu.iptriana.mltriathlon

As the sole designer and developer of MLTriathlon, I integrated a machine learning model from the Weka platform into an Android app. This feature predicts real-time competition times for triathletes based on diverse measurements. Additionally, I implemented functionalities for conducting, storing, and managing tests within the app, as well as providing personalized suggestions for improvement. My dedication to this solo project resulted in a highly functional app for the triathlon community.

EDUCATION

Bachelor of Science in Information Technologies
Universidad Central Marta Abreu, Cuba, September 2017 - December 2022

- Programming
- Software Engineering
- Web Development
- Mobile Development
- Artificial Intelligence
- UI/UX
- Data Structures
- Optimization
- Logic
- Hardware

REFERENCE

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LANGUAGES

Spanish

English