JUAN PENIEL MULLER

juanmuller.com | juan.muller2024@gmail.com | linkedin.com/in/juan-muller- | 205-844-2427 |Birmingham, AL

Professional Summary

- 1 year of professional experience in Application development, including internship and team leader experience.
- Experience in building applications using Flutter as a frontend. Incorporated several user-friendly responsive features in different applications using Flutter.
- Worked with a team of developers to build an application used as a tool for social media influencers, enabling them to promote brands effectively.
- Integrated Dart programming language with Flutter to build logical functions and classes in the applications.
- Integrated powerful Widgets like FutureBuilder and StreamBuilder in applications to work with asynchronous data streams and update the UI in real-time based on the stream's events.
- Hands-on experience with other advanced widgets like CustomScrollView with Sliver, PageView and PageController for creating adaptive and creative user interfaces for applications.
- Experienced in building graph APIs using Dart programming language and used them within the applications to fetch data from the backend in JSON format.
- Hands-on experience with the OOPs concept in Dart and managing data retrieved using APIs in JSON format in a very user-friendly method.
- Created APIs using the Flask Module in Python to perform CRUD (create, read, update and delete) functions.
- Extensively used Firebase as a backend in Flutter applications, and have used Firebase to host web-based applications.
- Experienced in implementing features like debugging, performance and security.
- Utilized technologies like SQL, Google Cloud, and Meta developers to build applications.
- Excellent verbal communication, written, and analytical skills. Great at coordinating with teams to complete projects before deadlines.

Key Projects

GiftOWallet
Company: KPRMT Global Solutions LLC, Tampa, FL
- Designed a Flutter-powered mobile coupon wallet software that offers a user-friendly interface for conveniently storing, managing, and redeeming digital coupons.
- Synchronized coupon data and ensured seamless offline access by integrating a local SQLite database and implementing state management using Provider.
- Integrated backend for real-time updates and flawless working of the application.

Nearlikes
Company: Evolve Inno
- Developed an application for social influencers to promote products by the merchants.
- Integrated Meta APIs in the application for users to flawlessly use Instagram features to promote products using stories.
- Designed UI to generate coupons which are added to wallets for future use.

Customer Segmentation Using Data Mining
- Employed K-means clustering and function partitioning methods enable businesses to segment customers effectively based on diverse criteria like gender, age, and purchasing habits.
- Implementing machine learning algorithms for customer segmentation significantly enhances revenue generation by 40 percent and customer targeting capabilities for organizations.

Technical Skills

- Flutter
- Dart
- Python
- SQL

- Firebase
- API
- Linux
- Cryptography

Professional Experiences

Evolve Inno - Technical Lead   **11/2021 – 02/2022**
- Led a team of developers to build Applications.
- Gained experience in Graph APIs to perform CRUD (create, remove, update and delete) operations.
- Worked on resolving and addressing issues raised every day by each member of the team to build the applications flawlessly.

Evolve Inno - Application Developer, Intern   **07/2021 – 10/2021**
- Coordinated with a team of 4 to build a social application called Nearlikes.
- Utilized technologies like Flutter, Firebase, Graph APIs, Dart, and Google Cloud to develop a social application.
- This application served as a tool for social media influencers, enabling them to effectively promote brands and consequently amplify the brand's revenue by an impressive 20%.

Education

University of Alabama at Birmingham   Birmingham, AL
- Masters of Science in Cyber Security.   08/2022 - 04/2024

SRM University   Chennai, India
- Bachelor in Computer Science.   05/2018 - 05/2022
- Specialization Cyber Security

(More Certificates and Projects can be found on the portfolio website, juanmuller.com)