GABRIEL VIEIRA

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MOBILE DEVELOPER

Seasoned mobile developer with 5 years of experience building native and cross-platform applications within dynamic agile environments. Skilled in end-to-end development cycles, specializing in Continuous Integration/Continuous Deployment, Clean Code principles, implementing robust architectures, ensuring testing strategies, and deployment procedures. Hands-on experience using Kotlin, Java, Flutter, React, React Native, and Graph Databases. Skilled in delivering high-quality, scalable solutions by integrating best practices in software engineering, ensuring optimal performance, and user-centric experiences.

Compiler • Design Pattern • Data Structure • SOLID • Domain-Driven Design • Dependency Injection
Object Oriented Programming (OOP) • Microservices Architecture • CI/CD • Hybrid Applications

Languages: Dart, Java, Kotlin, C++
Web: HTML5, CSS3, JavaScript, jQuery, PHP, Bootstrap, React.js, NodeJS
Web Services: RESTful, JSON, GraphQL
Web/App Servers: Apache, IIS
Frameworks: Flutter, React Native, Express, Laravel
Databases: MySQL, SQLite, MSSQL, MongoDB
Design Patterns: MVC, Singleton, Prototype, MVVM, State, Reactor, Template Method, Factory Method, Observer, Iterator
SDLC: Agile / Scrum
Tools: Visual Code, Visual Studio, C++Builder, PHPStorm, Android Studio, MongoDB Atlas, Git, GitHub Actions, CircleCI, Firebase, Discord, Inno Setup, PhpMyAdmin, MySQL Workbench, Mongo DB Compass
Platforms: Windows, Linux, Google Cloud Platform (GCP), Amazon Web Services (AWS)
Application/Software: ERP Primavera, Microsoft Navision ERP

PROFESSIONAL EXPERIENCE

CAREER NOTE: Available for full-time, W-2 employment. Willing To Relocate.

BENGUELA RAILWAY • 02/2018 – 04/2023
Railway Transport Company.
Team Lead (01/2019- 04/2023)
- Developed a Performance Evaluation System using Laravel allowing the company to manage employee competence in an efficient and transparent manner.
- Created Railway Ticketing System available on the Google Play Store using cross platform Flutter technology to control sales, cutting costs associated with ticket creation boosting company's sales.
- Designed an official mobile application for customers using Kotlin and Firebase, granting customers the ability to browse, purchase, and access orders history, achieving increased customer engagement, leading to 25% improvement in business performance.
- Published "bform" packages available in pub.dev to facilitate user interface creation, significantly reducing application development time by 30%.
- Orchestrated training sessions on the importance of Best Software Development Practices between several IT departments, increasing team productivity by 20%.
- Led the adoption of agile methodologies by establishing sprint cycles, promoting more adaptive and responsive work culture, resulting in a 15% improvement in project delivery times and greater team collaboration.

Software Engineer (02/2018 - 01/2019)
- Built a web portal using Laravel framework for backend and VueJs for frontend to facilitate clients access company information and services, resulting in improved customer engagement and satisfaction, which led to increased business success by 20%.

- Implemented a stock management system using C++ with MySQL for efficient stock control and management, enabling better tracking of inventory, sales, and order history.
- Created secure RESTful Api for invoice system using Express Node.js and Axios to request reports data for Android App.
- Developed unit and integration tests using JUnit and Mockito, reducing number of reported issues significantly.

Technologies Used: *HTML, CSS, JavaScript, Vue.js, Flutter/Dart, Kotlin, C++, PHP, Laravel, Node.js, Express, MySQL, MongoDB, Firebase, RESTful Api, Axios, Junit, Mockito.*

PROFISSIONAL PROJECTS

Benguela Railways
- o **TicketPlace ([FrontEnd Flutter](#) - [BackEnd Laravel](#)) :** Ticket Place is a system for controlling and selling tickets for events to be held for the company, I was responsible for developing the Mobile Application and Control Panel using Flutter with mobx state manager, service RESTful Api with http package, bluetooth thermal printer, barcode scanner. For backend I use and Laravel.

- o **[SFB](#):** SFB is a system that provides more agility, control, and standardization in the procedures for issuing and controlling tickets, ensuring transparency in the transport of passengers and cargo. I was responsible for developing this application in ReactNative, using AsyncStorage to cache data offline, Fetch to request online data by REST APIs, third-party libraries as React-navigation/bottom-tabs, React-navigation/native-stack.

PERSONAL PROJECTS

- o **[FEGI](#):** Flutter Easy GUI Installer is a small yet powerful open-source tool that enables you to set up your Flutter development environment with ease. Developed using Flutter and Provider.

- o **[LinkStorage](#):** This simple project, built in React, allows you to capture, save and manage links in a simple way using AsyncStorage package to save local data.

ACADEMIC PROJECTS

Maharishi International University (2023)
- o **[NGame](#):** It is an action-packed aerial combat game that immerses players in the Naruto universe. Assume the role of Naruto Uzumaki and use ninja skills to evade airborne threats. I was responsible for designing it using HTML, CSS, and JavaScript.

- o **[StudentsM](#):** This simple project, built with Node.js and Express, enables efficient student management. It allows administrators to perform CRUD (Create, Read, Update, Delete) operations on student records. I was responsible for creating the database structure and the backend using Node.js, Express, and MySQL.

- o **[RestaurantLite](#):** A cross-platform mobile application designed to help restaurant owners manage their food menu, notes/newsletter, and personal profile. I was responsible for developing this application from frontend to backend using Node.js, Express, React-Native, and MongoDB.

EDUCATION
Master of Science in Computer Science
(In progress via distance education; expected completion 12/2025)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Web Application Development 1, Mobile Application Development, Algorithms

Bachelor of Science in Computer Science
Universidade Katyavala Bwila University, Benguela, Angola (2016)

CERTIFICATIONS
Intensive Cybersecurity Course (06/2023)