We deliver quantifiable results

If it is quantifiable, the correctness and completion make sense
Software Engineering: Where logic and creativity collide like a poetry

We have been here since 2016, but 2023 organized us.

Our expertise

We venture into Machine Learning, NLP, Chatbots, Computer Vision, Financial Accounting, Data Management, Software Testing and Quality Assurance, Mobile and Web-based solutions

Our departments

If it is quantifiable, the correctness and completion make sense

Department of AI Pioneering Intelligent Solutions for the Future	Department of Software Engineering
Our Lead AI engineers pioneer innovative AI solutions for business transformation. These pioneering solutions encompass a wide spectrum of capabilities, including but not limited to intelligent Chatbots, Predictive Analytics, Natural Language Processing (NLP), Recommendation Systems, Computer Vision Algorithms, Optimization Algorithms, Fraud Detection, Smart Automation, and IoT integration. Leveraging our expertise in these areas, we empower organizations to revolutionize their operations, optimize decision-making processes, enhance customer engagement, ensure secure transactions, streamline workflows, and harness the potential of interconnected environments. By harnessing the power of these innovative AI solutions, businesses can embark on a transformative journey towards improved efficiency, agility, and sustainable growth."	

Our lead AI engineers are at the forefront of AI innovation, continuously pushing boundaries to deliver transformative solutions that empower businesses to thrive in the digital age. Let us drive your business forward with the power of AI.

List of projects

Mobile Apps:

1. ### Janus mobile app (ReactNative)

   Title: Janus Mobile App - Real Estate Property Management and Discovery

   Summary:
   The Janus Mobile App is an innovative real estate application developed using React Native with a MERN (MongoDB, Express.js, React, and Node.js) backend. This comprehensive mobile solution offers a range of powerful features designed to simplify the property management process and enhance the property discovery experience for users.

   Key Features:

   Google Maps Integration: Seamlessly integrated with Google Maps, the Janus app provides users with an interactive map interface to explore property locations and surrounding areas.

   Real Estate Agent Property Management: The application empowers real estate agents to effortlessly add properties to the platform through the secure backend system. Agents can input property details, including descriptions, images, and other relevant information.

   Radius-based Property Search: Utilizing location-based services, the Janus app allows users to search for properties within a specified radius from their current location. This feature enables users to discover properties conveniently situated in their desired proximity.

Detailed Property Information: Upon selecting a property of interest, the Janus app offers comprehensive details about the property, including its buildings and components. Users can explore various aspects, such as different sections, units, or available amenities, to make informed decisions.

Scannable Property Barcodes: Each property within the Janus app is assigned a unique barcode. The application provides a convenient barcode scanning functionality that allows users to quickly access property details or trigger specific actions associated with the property.

The Janus Mobile App aims to revolutionize the real estate industry by streamlining property management and simplifying the property search process. Its user-friendly interface, combined with the power of Google Maps integration, empowers both real estate agents and property seekers to engage in a seamless and efficient property management and discovery experience.

2. E-commerce for UK markets (user app, admin app) Android Studio + java
3. Android and iOS apps for Barbers (ReactNative)
4. BookWonk: Book exchange app (ReactNative)
5. Golfrica (ReactNative)
6. Alarm App (Android Studio)
7. Carpool (ReactNative)
8. PolyGlotsPoint (ReactNative)
   a. backend: Flask
9. Swaps App: Social Media application
   a. Android Studio
   b. ReactNative
   c. APIs: Laravel
10. Video Dune (Android Studio)
    a. Web: Laravel

11. Diary: Android Studio
12. Medical Dictionary offline: Android Studio
13. TotalEnglish: Language Learning (Android Studio)
14. ContactsBook (Android Studio)
15. Location Picker: Ionic
16. AdMob: Android (Android Studio)
17. StateArgo Company (Android Studio)
18. FlightMates (Android Studio) ->
   https://github.com/theirfanirfi/Android-Flight-Mates-App
19. BD-Parcel: Android Browser App (Android Studio) ->
   https://github.com/theirfanirfi/BD-Parcel-Android-Browser-App
20. Service Provider (Android Studio)
21. Insta Downloader (Android Studio) ->
   https://github.com/theirfanirfi/Android-Insta-Downloader-App
22. Calendar App (inonic):
   https://github.com/theirfanirfi/CalendarApp-in-ionic
23. EventsApp: Android studio ->
   https://github.com/theirfanirfi/EventsApp
24. Laptop Registration: Angular ->
   https://github.com/theirfanirfi/LaptopApp-Angular-4
25. Dating App: ReactNative
26. Synapse: (ReactNative)
27.

Web applications

1. Blood donation society (Laravel)

   Blood Donation Society is a Laravel-based web application that facilitates
   collaboration between postgraduate colleges and hospitals in need of blood. The
   system allows colleges to register donors, while hospitals can generate blood
   requirement requests. When a request is created, the system automatically
   sends SMS notifications to registered donors in the vicinity of the hospital.
   Donors can respond to the requests by accepting or rejecting them. Additionally,
   the application features a no-login chat that enables users to directly
   communicate with the administrator, allowing them to inquire about available
   donors without the need for registration or login. This approach ensures a

seamless and convenient process for users seeking blood donations in urgent situations.

2. E-commerce for UK markets (Laravel)

The e-commerce application is developed using Laravel and Android Studio for a UK-based company. The application consists of multiple components, including APIs and backend developed in Laravel, and user and admin apps created using Android Studio and Java.

The admin app serves as a platform for shopkeepers to manage their online stores. The shopkeeper logs into the admin app using appropriate credentials. Once logged in, the shopkeeper can add product categories and individual products to their store inventory. These added products are then made visible to users through the user app.

On the user app, customers can browse through the available product categories and select the desired items for purchase. The user interface of the app allows users to view product details, such as descriptions, images, prices, and other relevant information. Customers can then proceed to place orders for the selected products through the app.

The entire process involves seamless integration between the backend developed in Laravel, which manages the database, APIs, and business logic, and the frontend implemented in Android Studio and Java, which provides the user and admin app interfaces.

By utilizing this e-commerce application, the UK-based company can facilitate online product management and enable customers to conveniently browse, select, and order products through the user app, while the shopkeeper maintains control over their store and inventory through the admin app.

3. Angular E-commerce (Angular)

The frontend of the e-commerce application is developed using Angular. The Angular application is integrated with the backend APIs to perform all the necessary e-commerce functionalities.

The application provides a user-friendly interface that allows customers to browse products, view details, add items to their shopping cart, and proceed with the checkout process. The Angular frontend communicates with the backend APIs to fetch product data, handle user authentication and authorization, and process transactions securely.

4. Austrian Community Membership: Forever community (Flask + React) (Domain Drivent Architecture)
5. Flask-CMS
6. Vittas International: Lending Company (FLASK)
7. Pizza-Hut (Flask)
8. Uber Rides MVP (Flask)
9. Privacy Application (Laravel)
10. NewsPaper: (Python Flask)
11. MaxTech Tutorial Site (WordPress with custom themes and plugins development) -> https://github.com/theirfanirfi/Maxtech-Tutorial-Site-WordPress

12. Azad Medicine Company (WordPress)
13. PPost New Agency: (WordPress) -> https://github.com/theirfanirfi/Ppost-Wordpress
14. Degree College: Educational (PHP) -> https://github.com/theirfanirfi/Degree-College-Site
15. E-commerce (ASP.NET) -> https://github.com/theirfanirfi/ASP.NET-shopping-cart
16. Blog (ASP.NET) -> https://github.com/theirfanirfi/ASP.NET-Blog
17. School management system (Codeigniter) -> https://github.com/theirfanirfi/school-management-system
18. Course Management (Laravel)
19. Tutorial Series (Laravel): https://github.com/theirfanirfi/laravel-tutorial-series
20. Kplus: membership site (Laravel) -> https://github.com/theirfanirfi/kplus
21. Service Platform (Laravel) -> https://github.com/theirfanirfi/ServicePlatform
22. BrideControl (Laravel)
23. Project Management (MEN) -> https://github.com/theirfanirfi/projectManagement
24. TaleoIT (Laravel) -> https://github.com/theirfanirfi/TaleoIt

25. Adhoc Notification Tool (Angular) ->
    https://github.com/theirfanirfi/AdHocNotificationTool
26. Angular Cohort (Angular) ->
    https://github.com/theirfanirfi/AngularCohort
27. Janus backend: NodeJs, ExpressJs, MongoDB ->
    https://github.com/bjka78/janusbackend
28. Janus Frontend (React) -> https://github.com/bjka78/janusweb
29. Online Student Placement System: (MERN)
30.

Command Line:

1. Music Search: Python ->
   https://github.com/theirfanirfi/Python-Music-Search-CMD-app
2. QueryingDB: Python (Automation) ->

Networking

1. ACL in VLAN: -> https://github.com/theirfanirfi/ACL-in-VLAN

Frameworks

1. Irfi-MVC (PHP) -> https://github.com/theirfanirfi/Irfi-MVC

   Irfi MVC, developed in 2018, drew inspiration from CodeIgniter to simplify session management and streamline its usage across controllers and views. The aim was to enhance coding simplicity by eliminating the complexities found in CodeIgniter.

About us
We are pleased to introduce our company, where the development of Quantifiable, Extendable, and Maintainable (QUEM) software solutions lies at the core of our operations. Our commitment to excellence in software development is manifested through our rigorous adherence to the

principles of delivering quantifiable metrics, extendability, and maintainability in every solution we create.

At our company, we firmly believe in the power of quantifiable metrics to gauge the success and effectiveness of our software solutions. By defining and measuring specific metrics aligned with our clients' business goals, we enable meaningful discussions backed by numbers. This data-driven approach empowers us to make informed decisions, identify areas for improvement, and optimize our solutions to meet and exceed expectations.

We recognize the importance of extendability in today's rapidly evolving business landscape. Our software solutions are designed with flexibility in mind, allowing businesses to seamlessly integrate new features and functionalities as their requirements evolve. Through modular design, well-defined APIs, and a focus on separation of concerns, we provide our clients with the agility and adaptability they need to stay competitive in their respective industries.

Maintainability is a cornerstone of our software development philosophy. We understand that software maintenance is an ongoing process that ensures error-free operation and facilitates seamless evolution over time. By prioritizing maintainability, we minimize the occurrence of bugs, expedite issue resolution, and enable efficient updates and enhancements. Our commitment to well-structured and documented code, adherence to coding standards, comprehensive automated testing, and regular refactoring ensures that our software solutions maintain the highest levels of quality and minimize technical debt.

By combining our expertise in delivering quantifiable metrics, extendability, and maintainability, we provide software solutions that offer tangible value to our clients. Our solutions not only meet their current needs but also adapt and grow alongside their businesses, fostering long-term success and customer satisfaction.

We are dedicated to partnering with organizations seeking software solutions that go beyond the ordinary, enabling them to achieve their goals while staying ahead in an ever-changing digital landscape.

In addition to our expertise in developing web and mobile applications, Quem Systems is dedicated to ensuring the highest standards of software quality. Our comprehensive software quality assurance processes guarantee the reliability, performance, and security of the solutions we deliver. Whether it's validating functionality, conducting thorough testing, or implementing rigorous quality control measures, we prioritize excellence in every aspect of our software development lifecycle. Partner with Quem

Systems for not only innovative applications but also a commitment to uncompromising software quality.

What makes us special?