

Resam Taghipour

Senior Software Developer | Senior Flutter Developer | IT Expert

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Professional Experiences

Senior Flutter Developer

Feb 2025 - Present

MiddleEast Bank | Tehran, Iran

On-Site- Full Time

- Led end-to-end development of a secure, user-centric banking app across **iOS**, **Android**, and **PWA** platforms, featuring real-time alerts, transaction processing, and account management. Ensured stability through rigorous testing and cross-functional collaboration..
- Implemented a custom document detection feature using camera-based image processing techniques, replacing ML Kit to ensure compatibility and performance across web platforms with limited native support.
- Proactively identified and eliminated persistent bugs, streamlining complex code structures to improve efficiency, reduce technical debt, and elevate overall code quality.

Senior Flutter Developer

Dec 2024 – Jul 2025

LingUp | St. Catharines, Ontario, Canada

Remote – Part Time

- Developed and maintained a **AI-driven language learning app** with grammar and pronunciation assistance. Led end-to-end mobile app development for iOS and Android. Integrated AI models for real-time error correction. Enhanced user experience through intuitive UI design. Collaborated with cross-functional teams to deliver comprehensive solutions. Conducted testing and debugging to ensure high-quality performance.

Senior Flutter Developer

Oct 2023 – Feb 2025

City development and innovation – City Bank | Tehran, Iran

On-Site – Full Time

- Spearheaded the development and implementation of innovative features, meticulously testing and debugging to enhance the functionality of two existing banking applications and its Back-Office Apps with over 1 million active users.
- Gained profit from diverse technology stack including **Clean Architecture**, **BloC** State Management, Dependency Injection with **Getit**, **REST** APIs for 4 apps, and more than 100 features.
- Led a comprehensive restructuring and refactoring effort that resulted in a notable 60% increase in both performance and memory efficiency.
- Successfully delivered robust banking solutions accessible on Android, iOS, and Windows platforms, and through Progressive Web Applications (**PWA**), a total of 5 platforms.

Flutter Developer

Jun 2022 – Oct 2023

Hybrid Teams | Tehran, Iran

Remote – Full Time

- Engineered and rigorously tested advanced, adaptable, and scalable three **cross-platform mobile applications**. Therefore, Adhered to best practices in app development, maintaining structured, well-documented code in line with **Clean Architecture** and **SOLID** principles.
- Innovated a connectivity module using **ESP32** Chipset for **BLE** devices, ensuring robust **Bluetooth** and **Wi-Fi** connections.
- Utilized MVVM and Clean Architecture, **GetX**, **REST** APIs, and a suite of technologies for **Android**, **iOS**, **Windows**, and **web** development, Firebase, Arduino, and **ESP32** Chipset for enhanced functionality.
- Effectively collaborated on a project for YUV® Company, developing a state-of-the-art hair color system with comprehensive features for client, inventory, and stylist management, leveraging Bluetooth connectivity for device integration. The project's initial stage successfully engaged over 100 users in comprehensive testing and feedback collection.

Software Developer

May 2018 – Mar 2023

Oil Industry Pension Funds | Tehran, Iran

On-Site – Full Time

- Expert in crafting and validating high-performance, responsive, and user-centric mobile applications utilizing Flutter and **Xamarin.Forms**. Moreover, delivered a clean, robust code in **C# .NET**, complemented by **SQL Server** database solutions.
- Innovated and standardized algorithms and procedures to bolster app functionality and user experience alongside with creation and refinement of high-efficiency algorithms.
- Executed multiple internal company projects, including an **HR Portal Mobile App** streamlining internal operations, an **IT Help Desk Portal App** for requests and service management, and a **dedicated app for retirees**, enhancing their access to services and communication.

Academic Education

Bachelor's degree | Computer Engineering

2005 - 2010

Azad University | Mashhad, Iran

- Conducted **research** into the design, operation, performance, and efficiency of **Steganography**
- Conducted **research and implemented** the design and programming of FPGA Circuits
- Algorithms Design Instructor (**TA**) as ACM Competitions Specialist and Instructor (Coding and Algorithms Design)
- **Equivalent to a Bachelor's degree in Germany** as determined by ZAB-KMK in Berlin, Germany
Reference No: L2020/225043 in Feb 2021
- **Equivalent to a Bachelor's degree in Canada** as determined by World Education Services in Toronto, ON, Canada
Reference No: 4271333 in Dec 2019

Projects

Bsun (MiddleEast Bank Web and Mobile Banking Application)

[Website ↗](#)

A **Banking App Project** with the **Middle East Bank of Iran** for a user-friendly app that allows customers of the Bank to perform their actions and meet their needs through the App. It includes every Banking transaction and needs from opening an Account to getting Bills, Open Virtual Accounts, and Transfer Money based on existing Transfer Platforms and standards.

LingUp (AI Language Partner)

[Website ↗](#) | [Google Play ↗](#) | [Apple App Store ↗](#)

LingUp is your personal **AI-powered language partner** designed to help you speak and improve your English fluency naturally. Whether you're preparing for an exam, looking to advance in your career, or just want to enhance your communication skills, LingUp has you covered.

Hamrah Shahr Plus (City Bank Banking Web and Mobile Application)

[Website ↗](#)

A **Banking App Project** with the **Middle East Bank of Iran** for a user-friendly app that allows customers of the Bank to perform their actions and meet their needs through the App. It includes every Banking transaction and needs from opening an Account to getting Bills, Open Virtual Accounts, and Transfer Money based on existing Transfer Platforms and standards.

GetX Routes and Dependencies Binding Annotation Generator (Personal Project)

[pub.dev ↗](#) | [GitHub Repo ↗](#)

A **Banking App Project** with the **Middle East Bank of Iran** for a user-friendly app that allows customers of the Bank to perform their actions and meet their needs through the App. It includes every Banking transaction and needs from opening an Account to getting Bills, Open Virtual Accounts, and Transfer Money based on existing Transfer Platforms and standards.

Dart Model Entity Mapper (MEM) Annotation Generator (Personal Project)

[pub.dev ↗](#) | [GitHub Repo ↗](#)

A **Banking App Project** with the **Middle East Bank of Iran** for a user-friendly app that allows customers of the Bank to perform their actions and meet their needs through the App. It includes every Banking transaction and needs from opening an Account to getting Bills, Open Virtual Accounts, and Transfer Money based on existing Transfer Platforms and standards.

Base Flutter Application (Personal Project)

[GitHub Repo ↗](#)

A **Banking App Project** with the **Middle East Bank of Iran** for a user-friendly app that allows customers of the Bank to perform their actions and meet their needs through the App. It includes every Banking transaction and needs from opening an Account to getting Bills, Open Virtual Accounts, and Transfer Money based on existing Transfer Platforms and standards.

YUV® LAB Application (Yuv Co.)

[Website ↗](#)

Conducted a Project with **YUV® Company** for a cutting-edge **hair color system** that allows professional hairstylists to create, adjust, and repeat custom formulas with ease and accuracy. The **YUV® LAB** is connected to an **iOS app** that we developed, which can interact with the **YUV® Lab** and a **Bluetooth** printer via wireless communication. The app also has features such as client management, inventory management, and stylist management.

Skills

Flutter, **Dart**, **GetX**, **BloC**, **Cubit**, **Provider**, **Packages Development**, **Code Generator Package Development**, **Get It**, **Routing**, **.Net Framework**, **C#**, **Xamarin.Forms**, **APIs** (**REST**, **gRPC**), **Databases**, **Git**, **Android**, **iOS**, **PWA**, **DevOps**, **Agile** and **Scrum Methodology**, **Web Design**, **CMS**, **WordPress**, **Magento**, **OpenCart**

Soft Skills

Strong **attention to detail**, Noticeable **problem-solving** and troubleshooting ability and experiences, **Creativity** and **innovation**, **Teamwork** and **communication**, **Organization** and **discipline**, **Remote Work**

Courses and Certificates

• General Programming Course

Dec 2018

Cando Institute | Tehran, Iran

- C#, SQL Server, ASP.NET, HTML, CSS, JavaScript, jQuery

• Network+

Apr 2014

Asr-e-Arad Institute | Tehran, Iran

• LPIC-1

Aug 2008

Faramad Institute | Mashhad, Iran

Volunteer Activities

• TED Translator

Oct 2020 - Present

• Executive Member of Computer Coding Challenges in IAUM

2010

• Executive Member of Linux / Ubuntu Seminars in IAUM

2010

Languages

- English - Full proficiency (C1)
- Deutsch - Elementary proficiency (A2)
- Persian - Native proficiency