
Ariya Moheb

Full-stack Software Engineer

- Website: <https://ariyadey.me>
- Email: ariya.mms@gmail.com
- LinkedIn: [linkedin.com/in/ariyadey](https://www.linkedin.com/in/ariyadey)
- GitHub: github.com/ariyadey

Summary

Hi! I'm Ariya Moheb, a results-oriented **Software Engineer with over 5 years of experience in enterprise and web application development**. I specialize in **Angular, Java, and Spring Framework**.

My passion lies in crafting high-quality, high-performance software solutions that address real-world challenges. I thrive on translating complex requirements into intuitive user experiences and efficient backend systems. Throughout my career, I've focused on driving impactful improvements, always prioritizing clean, maintainable code.

I'm keen to contribute my skills to innovative projects within dynamic, international remote teams. Please feel free to explore my work in the projects section, and I look forward to connecting!

Skills

Computer Science

Algorithms, Data Structures, Programming Paradigms, Design Patterns, Test-Driven Development, OWASP, Internationalization (i18n)

Frontend Development

TypeScript, Angular Framework, RxJS, HTML/CSS/JS

Backend Development

Java, Spring Framework, Maven, Redis, JUnit, Mockito, RESTful APIs, JSON Web Tokens, Rust, Tauri Framework

Platforms & Tools

Linux, Git, GitHub Actions, Cloudflare Workers, Jira

Experience

TOSAN / Software Engineer (Full-time)

MAR 2021 - PRESENT (REMOTE)

NetWay is the leading Internet Bank platform in Iran, serving millions of active users daily. As a Full-Stack Developer over a remarkable 4-year tenure at TOSAN, I played a pivotal role in the continuous evolution and enhancement of this high-traffic, mission-critical enterprise application.

My responsibilities encompassed a wide array of full-stack tasks, ranging from Angular frontend development and robust backend engineering with Java and Spring Framework to implementing critical caching solutions with Redis, strengthening security measures, and designing complex authentication flows.

I was deeply involved in developing and maintaining key modules, including the Wistore widget feature—a dynamic content platform enabling third parties to integrate their services using NetWay's user authentication and banking APIs, with support for BPMS flows. My contributions also extended to the implementation of

the corporate cards feature (Sigma) and the complex definition and configuration of corporate customer profiles.

I thrived on tackling significant technical challenges, notably:

- **Re-engineering a critical, complex combobox component from scratch for the Angular frontend.** This involved meticulously designing for cleaner code, a modern UI, enhanced maintainability, and improved scalability, all while strictly adhering to backward compatibility requirements.
- **Seamlessly integrating advanced CAPTCHA mechanisms** within core authentication flows significantly bolsters system security.
- Optimizing Angular profiles, asset management, and styling within the Maven build system to **dramatically improve build times for the large-scale application.**

Working within a dedicated development team of less than 10 members, I collaborated closely with various infrastructure, QA, and project management teams across TOSAN. Beyond my development tasks, I actively contributed to team growth by mentoring several teammates and consistently participated in interview sessions as an interviewer for the company.

This experience not only honed my technical skills but also provided me with extensive, invaluable domain knowledge in banking and financial businesses, giving me a comprehensive understanding of real-world financial operations. My work directly contributed to the platform's stability, performance, and its ability to deliver secure and intuitive financial services to its vast user base.

ASTA / Web Developer (Internship)

JAN 2021 - MAR 2021 (REMOTE)

During a 2-month intensive apprenticeship at Asta, I was selected among over 100 candidates for one of only five intern positions, showcasing a strong aptitude for software development. Under the guidance of a dedicated mentor, I engaged in a structured learning environment that included daily development tasks, weekly progress reports, and meticulous time tracking.

In this role, I developed a demo library management system using a modern Java stack. This project provided hands-on experience with Spring Boot and Spring Data JPA for robust data persistence, alongside JAX-RS for building efficient RESTful APIs. A core focus of my work was on the practical application of advanced software engineering principles, including Test-Driven Development (TDD), Clean Coding practices, and SOLID Principles. I utilized JUnit and Mockito extensively to ensure high code quality and test coverage.

This apprenticeship significantly improved my understanding of enterprise application development and backend architecture. My contributions directly led to improved code quality and enhanced project efficiency, laying a strong foundation for my subsequent career in complex software systems.

Open-Source Projects

Personal Website - <https://ariyadev.me>

JUL 2024 - PRESENT

- Developed and deployed a personal website from scratch, serving as a dynamic portfolio to showcase my professional journey and projects.
- Implemented a responsive user interface with Angular and TypeScript, ensuring cross-browser compatibility and optimal performance.
- Leveraged internationalization (i18n) for multilingual support (English and Persian) and optimized for SEO with dynamic hreflang and canonical tags.

- Utilized GitHub Actions for CI/CD, automating build, test, and deployment processes to Cloudflare Workers for global content delivery and edge computing benefits.

Capturist - Todoist Quick-Add Utility

AUG 2025 - PRESENT

- **Security & Authentication:** Engineered a secure client application utilizing **OAuth2 authentication** with the Todoist REST API. Managed critical user data by implementing **Tauri's secure system storage plugins** to safely persist the access token on the user's operating system.
- **Full-Stack Desktop Architecture:** Developed a tiny, high-performance binary by leveraging **Tauri** (Rust) for the core wrapper over an **Angular** frontend. Achieved advanced desktop functionality, including system tray integration and global shortcut registration, using specialized **Tauri plugins**
- **UI/UX:** Designed a clean, accessible user interface combining the component robustness of **Angular Material** with the rapid, utility-first styling of Tailwind CSS for a professional, adaptive look across various operating systems.

Minesweeper Game

JAN 2021

- Developed an interactive web-based classic Minesweeper game using React.
- Implemented core game logic from scratch, including recursive empty cell reveal, mine placement algorithms, and flag/question mark mechanics.
- Focused on clean component architecture and state management to ensure a smooth user experience.
- This project reinforced my understanding of graph-based algorithms and front-end development best practices.

JAST

FEB 2020

JAST (Java Abstract Syntax Tree Generator) is an educational project I developed independently during my university compilers course. Built entirely with Java and its Swing framework for the GUI, JAST functions as a universal Abstract Syntax Tree (AST) generator.

Education

Guilan University / Bachelor of Computer Engineering

2016 - 2021, GUILAN, IRAN

Languages

Persian (Native)

English (B2)