

# MILAD ABOOALI

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I'm a software developer with solid experience in both front-end and back-end development. I've been focused on programming since 2006, and over the years I've also worked with databases, UI design, and project management in various environments. I enjoy building things from scratch and improving systems in a practical, maintainable way. I look forward to contributing to the team and learning from each other as we move forward.

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

- GO
- R
- Rust
- Haskell
- AWK
- Shell
- Z Shell
- Power Shell
- Bash scripting
- PHP
- Java Script
- Node.js
- Python
- Ruby
- Java
- Web Assembly
- SQL
- LUA
- Assembly
- C, C++
- LISP
- BASIC
- Visual FoxPro
- MATLAB
- Lynx
- Pascal
- Perl

### UI FWS / JS LIBS

- HTML (HAML & PUG)
- CSS (SASS, SCSS, LESS)
- Bootstrap (Advanced)
- JQuery (Advanced)
- TypeScript (Basic)
- Coffee Script (Basic)
- Live Script (Basic)
- HTMX (Basic)
- Vue.JS (Intermediate)
- React (Basic)
- Express (Advanced)
- Next.JS (Intermediate)

### PHP FWS / TOOLS / ARCHITECTURES

- Laravel (Intermediate)
- Symfony (Advanced)
- CodeIgniter (Basic)
- Yii (Basic)
- Zend (Legacy)
- CakePHP (Legacy)
- Composer & PSR
- Unit Test
- Vanilla PHP (Advanced)
- PHPoC (Basic)
- MVC / MVVM / MVI (Basic)
- Microservices (Intermediate)
- Modular Monolith (Basic)

### PYTHON FWS / LIBS

- Flesk (Basic)
- Django (Intermediate)
- FastAPI (Advanced)
- Selenium (Basic)
- NumPy (Basic)
- Pandas (Basic)
- Matplotlib (Basic)
- AIML (Intermediate)
- AsyncIO (Basic)
- WSGI (Advanced)

### DATABASES

- MySQL / MariaDB (Advanced)
- SQLite (Advanced)
- MongoDB (Basic)

- PostgreSQL (Intermediate)
- Redis (Intermediate)

### DEVOPS / CI & CD

- Nginx (Advanced)
- IIS (Advanced)
- Apache (Advanced)
- Docker (Advanced)
- Kubernetes (Basic)
- Jenkins (Basic)
- Ansible (Basic)
- vApp (Intermediate)

### FUNDAMENTAL

- Functional Programming (FP)
- OOP, SOLID
- DRY, KISS, YAGNI
- Clean Code & Refactoring
- GIT
- UML
- Agile / Scrum
- SDLC
- Design Patterns & System Design
- Data Structures & Algorithms
- API Design
- Testing (Unit, Integration, E2E)

## EXPERIENCE

**2020 - 2025**

### SENIOR DEVELOPER, 4INSOFT

- Led the development of various FinTech products, including trading platforms, CRM systems, and financial tools.
- Designed and implemented systems using microservices architecture for better scalability and maintainability.
- Integrated AI components and third-party APIs (MetaTrader, cTrader, TradingView) into unified, real-time platforms.
- Worked with a diverse tech stack including PHP, Node.js, Python, C++, and Java.
- Built and maintained high-performance socket servers to enable real-time communication across systems.
- Collaborated closely with cross-functional teams in a fast-paced, product-driven development environment.

**2012 - 2020**

### FOUNDER & TECHNICAL LEAD, CODEBOX

- Established a full-service web infrastructure company providing scalable solutions from backend architecture to application development.
- Led structural optimization of client applications to reduce resource usage and improve performance.
- Standardized business processes through digital transformation and automation, helping clients reduce costs and improve workflow efficiency.
- Managed hosting services, including server setup, maintenance, and operations across global datacenters and cloud platforms.
- Implemented virtualization solutions using VMware and ensured compatibility across different infrastructure and software stacks.
- Provided infrastructure support for critical services, including email servers, DNS, and secure data management.
- Gained extensive hands-on experience in network, server, and application security, with a focus on reliability and scalability.

**2016 - 2019**

**SOFTWARE ANALYST, DELL EMC**

- Worked on code auditing and validation for IDAK server platforms, with a focus on driver-level software and infrastructure compatibility.
- Participated in cross-country deployments and assessments to ensure software and hardware reliability across enterprise environments.
- On-site experience in major institutions, including RHB Bank (Malaysia), Universiti Sains Malaysia, DBKL, Servlets (Cyprus), and UNIC (Cyprus).
- Represented Dell EMC at GITEX Dubai, contributing to technical discussions and client engagement.
- Specialized in low-level programming and diagnostics using Assembly, Pascal, BASIC, C, and C++ to ensure optimal system performance.

**2014 - 2016**

**LEAD DEVELOPER, SARFEJOO**

- Led the development team of an award-winning price comparison platform tailored for the Iranian market.
- Designed advanced internal tools for product categorization and discovery, distinguishing between "find" and "search" using user behavior patterns and big data.
- Developed smart crawling modules and bots to extract and normalize pricing data from various e-commerce platforms, including WooCommerce, OpenCart, Magento, and others.
- Helped Sarfejoo win first place in the Iran Web Festival (IWMF), and earned two additional nominations as Best Group Website.
- Worked with technologies such as PHP, Python, AJAX, and MVC frameworks to build scalable, real-time features.

**2013 - 2014**

**PROJECT MANAGER & DEVELOPER, HEDIYEIRANI**

- Led the development and launch of an international gifting platform enabling Iranians abroad to send gifts to loved ones inside Iran.
- Built a custom content management system and e-commerce platform following international standards and UX best practices.
- Implemented customer verification flows and integrated diverse global payment gateways, including PayPal and regional providers.
- Developed an internal vendor portal for local service providers to receive and fulfill incoming orders in real time.
- Worked with PHP, MySQL, and RESTful APIs to ensure modular and scalable backend infrastructure.

**2006 - 2012**

**FULL STACK, FREELANCE DEVELOPER**

- Worked on various client-based projects, including website development, backend scripting, and early-stage automation tools.
- Gained hands-on experience with HTML, PHP, MySQL, JavaScript, and early frameworks and CMS platforms.
- Collaborated with small businesses to digitize their services and optimize workflows.
- Built a solid foundation in debugging, client communication, and deadline-driven development.

## EDUCATION

2004 - 2007

### **BACHELOR'S ELECTRICITY**, SHIRAZ UNIVERSITY OF TECHNOLOGY

- Achieved national entrance rank 25 among 1.2 million applicants in the Iranian university entrance exam.
- Studied core courses in electrical engineering before discontinuing due to non-academic circumstances.
- Continued to pursue technical learning independently, eventually shifting focus to programming and systems engineering.

2002 - 2004

### **DIPLOMA IN ELECTROTECHNICS**, SHIRAZ TECHNICAL HIGH SCHOOL

- Gained foundational knowledge in electrical systems, industrial wiring, and technical troubleshooting.
- Represented the school in national skill competitions, earning distinction among top technical students.
- Developed a strong base in logic circuits and hardware, which later supported a smooth transition into software development.

## ABILITIES

### Languages:

- Persian (Native)
- English (Upper-Intermediate – B2)

### Soft Skills:

- Proactive & Self-motivated
- Strong sense of integrity & responsibility
- Punctual and reliable
- Team-oriented mindset
- Fast learner and curious
- Joyful attitude & positive energy