

## Qualifications

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- **Experienced Full-Stack Programmer:** Accomplished professional with a strong background in programming and full-stack development, backed by around **20 years of hands-on** experience.
- **Experienced Team Lead:** Dynamic leader with **7+ years of hands-on experience**, adept at driving teams with a **collective and collaborative approach**. Proficient in implementing **Scrum Agile methodology** for successful project execution.
- **Expert Software Architect:** Skilled in architecting, designing, and developing software frameworks to drive **efficient and scalable solutions**. Well-versed in utilizing a variety of programming languages and technologies to deliver cutting-edge software systems.
- **Comprehensive web3 Expertise:** Extensive knowledge of the web3 ecosystem, encompassing **cryptography, P2P architectures, Blockchain, Smart Contracts, Self-Sovereign Identity**, and **Holochain** technologies. Proficient in leveraging these advancements to develop secure and decentralized solutions.
- **Dynamic Presenter and Mentor:** Enthusiastic about participating in and leading **technology events** to **present, teach, and share knowledge** within teams or community members. A passionate educator with a belief that sharing knowledge deepens personal expertise and fosters growth.
- **Passionate Researcher:** Enthusiastic about the **R&D field**, driven by the opportunity to delve deep into topics and present insightful findings to others.
- **Self-Development Enthusiast:** Committed to **constant personal and professional growth**, fostering development in both technical expertise and personal attributes.

## Skills

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- **OS:** Linux, Windows
- **Programming Language:** Rust, C#, JavaScript, Typescript, PHP, Ruby
- **Web3:** Holochain, Blockchain, Smart-Contract, Solidity, SSI(Self-Sovereign Identity)
- **DevOps:** Docker, Git, AWS,
- **ORMs:** EntityFramework, Diesel, Doctrine
- **Architecture:** Monolithic, Microservices, SOA, CQRS, DDD, Clean-Architecture
- **Web:** Node.Js, Web-Component(Lit, Svelte, Vue), React, HTML, CSS, XML, JSON, REST

- **Database:** Sql Server, Oracle, DB2, Postgres, MongoDB, Elastic Search, Redis
- **Source Control:** Git, TFS
- **Methodologies:** Scrum Agile, Kanban,
- **Cloud:** AWS, Azure
- **Access Control:** RFID, RS232, RG45

## Portfolio

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<p><b>Clean Architecture Framework</b></p> <p>C#, EntityFramework,</p>	<p>Source Code:  <a href="https://github.com/HedayatAbedijoo/Framework">https://github.com/HedayatAbedijoo/Framework</a></p> <p>Use Case:  <a href="http://abedijoo-001-site2.htempurl.com/">http://abedijoo-001-site2.htempurl.com/</a></p> <p>Login Info: username: test@goldenflat.com pass: test_test</p>
<p><b>Shiraz Binary Card Game</b></p> <p>TypeScript, LitElement</p>	<p>Play it Here:  <a href="https://zand-games.github.io/binaring/shiraz/index.html">https://zand-games.github.io/binaring/shiraz/index.html</a></p> <p>Source Code:  <a href="https://github.com/zand-games/binering-shiraz">https://github.com/zand-games/binering-shiraz</a></p>
<p><b>Web3 Version of Udemy (MVP)</b></p> <p>Rust, Holochain</p>	<p>Source Code:  <a href="https://github.com/HedayatAbedijoo/hUdemy">https://github.com/HedayatAbedijoo/hUdemy</a></p>
<p><b>Workflow Engine &amp; State Machine</b></p> <p>C#, WWF</p>	<p>Source Code:  <a href="https://github.com/HedayatAbedijoo/Framework-Workflow-Foundation-3.5-Employment-System-Demo">https://github.com/HedayatAbedijoo/Framework-Workflow-Foundation-3.5-Employment-System-Demo</a></p>
<p><b>Caching Framework for SharePoint</b></p> <p>C#, SharePoint</p>	<p>Source Code:  <a href="https://github.com/HedayatAbedijoo/Caching-Framework-for-SharePoint-2013">https://github.com/HedayatAbedijoo/Caching-Framework-for-SharePoint-2013</a></p>

## Web3 Contribution

Holochain, Rust, Cryptography

Leading Dev-camp and teaching RUST & Holochain to the community.

Holding Holochain-in-Action community meetings.

<https://www.youtube.com/@holochain-in-action>

## Self-Sovereign Identity Glossary Web3 Digital Identity

<http://abedijoo.com/ssi-self-sovereign-identity-glossary/>

## Senior RUST Developer & Software Architect

2022 - Now

Jolocom  
Berlin, Germany

About Company Jolocom is building and providing SSI(Self-Sovereign-Identity) Solution.

Project Name	SSI SDK	Team Size:	4
<b>Description:</b> Implementing Digital-Identity based on Self-Sovereign-Identity web3 standards as a SaaS service with Rust. The SDK code which has been written in RUST provides binding for Mobile, NodeJS consumption.			
Responsibilities	<ul style="list-style-type: none"><li>● As a team-member, I <b>implement new SSI futures</b> in the SDK.</li><li>● As a senior-developer, I <b>investigate the SSI specifications</b> and make artifacts and documentation for implementation.</li><li>● As an experienced architect, I <b>work</b> on the <b>new design</b> and <b>architecture</b> of the project.</li></ul>		
<b>Tools:</b> Rust, Rocket, Sqlite, Rocket, Diesel, Github, Docker, AWS			

## Team Lead & Software Architect

2017 - 2021

InternetOne  
Cologne, Germany

About Company The INTERNETONE AG Group headquartered in Cologne is a leading full-service provider for high-performance online marketing.

Project Name	Multi-tenant CMS, Mobile App	Team Size:	7
<b>Description:</b> Customizable CMS to implement different websites for clients of the company. Each website could easily inherit from a parent website with the ability to override some contents and layout.			
Responsibilities	<ul style="list-style-type: none"> <li>● As a team-lead I was <b>defining, creating and tracking the tasks</b> for the team.</li> <li>● As a team-lead I was listening to our CTO to understand the product and I was <b>creating documents</b> and <b>artifacts</b> for the <b>requirements</b> and team.</li> <li>● As a software architect I designed an <b>Event-Driven Microservice architecture</b> framework for the team, to enable them to implement business rules and form as quickly as possible.</li> <li>● As a software architect, I designed a <b>mobile application</b> for the CMS using <b>Xamarin</b>.</li> </ul>		
<b>Tools:</b> C#, RUST, ASP.NET MVC, .NET Framework, .NET Core, Javascript, Typescript, TFS & Git, Elastic Search, Redis, AWS, Xamarin, HTML, CSS, NUnit&Moq, WebPack, Nodejs, SqlServer			

## 2016

### Freelance Software Engineer

Salon Ultimate  
United State, Remote

**About Company** Salon & Spa Ultimate is the only hybrid salon software that lets you manage your business from the cloud without sacrificing the speed and reliability of a desktop system.

Project Name	Salon and Spa Ultimate	Team Size:	12
<b>Description:</b> Integrated desktop and web-application for managing a Salon and Spa, from customers, ticketing, scheduling to repository management.			
Responsibilities	<ul style="list-style-type: none"> <li>● As a team-member I was <b>implementing new features</b> in the web-application using <b>asp.net core</b>.</li> <li>● As a team-member I was porting and <b>implementing features</b> from web-application to <b>desktop-application using WPF</b>.</li> <li>● As a senior-developer, I was <b>migrating a new customer database</b> to our system using <b>Ruby</b>.</li> </ul>		

**Tools:** C#, Ruby, Javascript, WPF, ASP.NET MVC, .NET Framework, .NET Core, PHP, Symfony Framework, Doctrine ORM, Javascript, TFS, HTML, CSS, NUnit&Moq, SqlServer

**2013 - 2015**

## Senior Software Engineer & Scrum Master Assistant

SFL- LLC  
Yerevan, Armenia

About Company

SFL's main focus areas are high load web applications, e-commerce, financial and banking applications, and E-Government solutions.

Project Name

Multi-tenant Business Intelligence Portal

Team Size: 7

**Description:** Implementing multi-tenant BI infrastructure using Microsoft-Sharepoint that clients are able to upload their data and see complex and multidimensional reports.

Responsibilities

- As a senior-developer I was participating in **meetings with customers** to understand requirements.
- As a senior-developer I was **creating artifacts and documents** for the teams to implement the tasks.
- As a senior-developer I was **investigating the issues** and improvements of **Sharepoint** technology.
- As a team-member I was implementing the feature for the application.
- As a team-lead, I was **helping Scrum Master** for applying scrum agile in the team.

**Tools:** C#, Sharepoint 2013, WCF, EntityFramework, Javascript, Ajax, HTML, CSS, NUnit&Moq, JQuery, SqlServer

**2010- 2013**

## Software Architect & Team Lead

Rena CO (Volvo Dealer)  
Tehran, Iran

About Company

Rena giving services to the Vehicles and Trucks of very famous companies like Volvo, Renault, Nissan Diesel, etc. and repairing and supplying spare parts in warranty and guarantee period regarding Central Workshop and Authorized

dealers all over the country.

Project Name	Online Workshop System	Team Size:	5
<b>Description:</b> Implementing an online workshop system for dears of the company to enable them to manage all the process of their repair workshop based on the main standards.			
Responsibilities	<ul style="list-style-type: none"><li>● As a software-architect, I <b>implemented a workflow engine</b> for all the business process management systems of repair shops.</li><li>● As a team-lead, I was <b>defining, creating and tracking tasks</b> for the team <b>members</b>.</li><li>● As a team-lead, I was participating in the <b>meeting with product owners</b> to understand requirements.</li></ul>		
<b>Tools:</b> C#, Workflow-Foundation, ASP.NET MVC, WCF, EntityFramework, Javascript, Ajax, HTML, CSS, Crystal-Reports, SqlServer			

<b>2007- 2010</b>	<b>Senior Software Engineer</b>		
	DPI (EX-IMB) Tehran, Iran		
About Company	DPI exclusively undertakes all processing activities and electronic calculations in important decision making, planning and academic organizations.		
Project Name	Web & Desktop Application for Electricity Subscriber	Team Size:	8
<b>Description:</b> Implementing an online and desktop application for the Electricity Organization of Isfaharn. So all the customers(subscribers) and employees of the organization could use one integrated system, for registering, issuing bills and other official processes.			
Responsibilities	<ul style="list-style-type: none"><li>● As a team-member, I was <b>implementing features</b> in both <b>Desktop</b> and <b>web</b> applications.</li><li>● As a senior-developer, I was <b>assisting designers and analyzers</b> of the system to understand the requirements.</li><li>● As a senior-developer, I was helping the software architect to implement and develop the <b>N-Tier framework</b> of the application.</li></ul>		
<b>Tools:</b> C#, WPF, Workflow-Foundation, WCF, SqlServer, Source-safe, Crystal-Reports, Javascript, JQuery, Asp.Net, DB2, Sql-Server,			

2006- 2007

## Software Engineer

Raahbar  
Tehran, Iran

### About Company

Raahbar provides IT, Ecommerce, and Business Process Services for large scale companies.

### Project Name

Timesheet- Access Control System

### Team Size:

4

**Description:** Implementing web application to manage the employee working hours and trafficking records.

### Responsibilities

- As a team-member, I was responsible for **implementing a RS232 & RG45** connection between web application and hardware access control.
- As a team-member, I was participating in a meeting to understand the requirements.
- As a team-member, I was implementing the features for the web-application.
- As a team-member, I was investigating **RFID** technology and standards by **making some demos**.

**Tools:** C#, Sql-Server, Javascript, RS232 Protocol, RFID, Asp.net

## Education

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### Computer Software Engineering — Bachelor

1999 - 2004

Payame-Noor, Kharameh, Iran.