

ARMAN RIAZI

SUMMARY

Senior-level Software and Decentralized Application Developer passionate about creating cutting-edge products. Adept at working with teams or independently. A potential co-worker is looking for an opportunity in backend development to advance bilaterally. Motivated professional speaking with evidence and looking forward to an opportunity to utilize skills based on a scientific approach. Driven to develop complex and innovative solutions to meet customer business requirements. Passionate developer set to work on-site or remotely, and hope to work with you.

EXPERIENCE

Senior Backend Developer

Partdp.ai (ref to the cover letter) | Tehran, Iran | March 2024 - Current

- Developed microservices using Nest.js, TypeScript, Node.js and Postgresql.
- Created RESTful API services to integrate with front-end applications.
- Researched and implemented new technologies to improve backend code functionality.

Information Technology Specialist

21Cricket Self-Employed | Istanbul, Turkey | November 2020 - February 2024

- Collaborated with OrangeAVA as a technical editor to publish the Mastering Rust for System Programming book.
- Partnered with Faradars platform as a mentor to teaching Monorepo, and Rust programming.
- Recommended strategies to implement a pilot project called the MFS NFT music platform based on Unique Network.
- Recommended strategies to implement a pilot project called the Mobarakeh Steel Blockchain based on the Substrate framework.
- Assisted cryptocurrency platforms with over ten million users.
- Researched emerging technologies related to blockchain development.
- Wrote articles in the fields of blockchain, cloud computing, and ReFi.
- Developed and maintained back-end applications using Express.js, Node.js, IBM Cloud, CouchDB, Restful API, and PostgreSQL.
- Documented the online books of Typescript-all-in-one and Rust-all-in-one.
- Implemented Substrate smart contracts and pallets as a sample project.
- Conducted three years of extensive Web 3.0, exploring innovative solutions, and staying ahead of emerging trends.
- Performed structured design reviews, programmed systems, wrote unit tests, and reviewed system test results.

Deployment Consultant

Pardazesh Kamyab Tikro | Esfahan, Iran | September 2020 - October 2020

- Achieve a 20% cost reduction in system management by adding features such as fault-tolerance and high-availability.
- Made a DevOps solution for developers based on CI Azure.

Senior Full Stack Developer

Yalda Industry Zariimosavar | Esfahan, Iran | June 2020 - August 2020

- Made a platform, B2B market increased by 15% customer acquisition.
- Conducted developing a sample of microservices using Molecular framework.
- Created a custom .NetCore ecommerce and modified existing themes to meet the customer's needs.

Freelance Web Developer

Self-Employed | Tehran, Iran | August 2019 - May 2020

- Collaborated with SOS of Iran to enhance code functionality of an CRM.
- Collaborated with SafaRayaneh company to enhance code functionality of an CMS.
- Designed websites, portals and large-scale web applications for multiple clients.
- Integrated payment and SMS third-party APIs into web applications for enhanced functionality.

CONTACT

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SKILLS

- Programming Languages: Rust, TypeScript, C#, Node.js, Java
- Javascript Libraries and Frameworks: Nest.js, Express.js, Angular
- Blockchain Frameworks: Substrate, Solana, Polkadot
- Databases Skills: Postgresql, Apache CouchDB, Sql Server
- Version Control Systems: Git, GitLab
- Research and Development
- Software Best Practices
- Software Development Lifecycle
- Agile Software Development
- Web Architecture
- Application Development
- Domain-Driven Design
- Object-Oriented Programming
- Functional Programming
- API Development
- GraphQL
- Test-Driven Development
- Blockchain Development
- Smart Contract
- NFT
- DeFi
- ReFi
- Web and Application Servers
- Cloud Computing
- CloudSIM
- Docker
- Virtualization
- Continuous Integration
- Rancher
- Ubuntu
- Windows Server
- Content Creation Tools
- Results-Oriented
- Problem-Solving
- Requirements Analysis
- Technical Analysis
- Performance Optimization
- Analytical Thinking
- Adaptability

Senior Full Stack Developer

Nikafarinegan | Esfahan, Iran | April 2018 - July 2019

- Achieve a 20% cost reduction in system management by adding features such as fault-tolerance and high-availability.
- Created a platform for applicants for an enterprise-wide organization in the field of electric trade with over 10k employees.
- Managed multiple web projects simultaneously, using .NetCore, Razor, GraphQL, SSR, IIS, MVC, DDD and Angular.
- Deployed web applications from local development environments to production servers using technologies like Kubernetes, Rancher, and Docker.
- Created RESTful APIs to enable communication between the frontend and backend of applications.
- Assisted other developers with coding, troubleshooting and debugging.

Freelance Web Developer

Self-Employed | Esfahan, Iran | February 2017 - March 2018

- Integrated third-party Raja Rail Transport company APIs into a web application for enhanced functionality.
- Directed design, writing and production of page content to fulfill project demands and satisfy customer needs.
- Developed web applications using HTML5, CSS3 and JavaScript, JQuery, Entity Framework, Kendo UI, and Crystal Report.

Developer Consultant

Foroud Travel | Esfahan, Iran | November 2017 - December 2017

- Modified customer service support system to reduce complaints by 9%.
- Developed web applications using Angular, and MVC web application.

Junior Software Engineer

Daewoo International Industry | Morcheh Khort, Iran | December 2015 - February 2017

- Maintained a Sales software to reduce provision processing time by 9%.
- Provided sustainability of the line of producing products by 100% during peak promotion days or requests of credit shopping while ensuring the continuation and enhancement of services.
- Analyzed solutions and coding fixes for software problems.
- Wrote store procedures and views using Sql Server.
- Developed and maintained software applications using .Net Framework.
- Participated in agile development of products within cross-functional frameworks.

QUALIFICATIONS

- Obtaining an IELTS band score of six.
- Scratch Blockchain | Awesome-Rust (Rust).
- JS-Family (Unique NFT, NodeJS, TypeScript, ExpressJS, and NestJS).
- ACO Workflow Function Container Framework based on CloudSIM (Java).
- Applicant Portal (NetCore, GraphQL, RestApi, and Angular).

PUBLICATIONS

- Using ACO Algorithm to Improve Performance for Container-based Scientific.
- Towards Blanket Licensing Digitized Music NFT Decentralized.
- Understanding the Landscape of Regenerating Finance and Digital Transformation.
- Supplementary of Rust Programming (Multimedia).
- Mastering Rust for System Programming (Book Technical Editor).

ACTIVITIES

- Excess of what had been carried out in the companies privately, some projects are shown as open source or **self-developed on GitHub** that are part of noticeable and accessible projects.
- **Experiences prior to 2015** have been eliminated, thus resulting in the most up-to-date records spanning a period of ten years.
- Please be aware if the mentioned elements are deemed unsuitable for the position, it is strongly encouraged that **you invest in dedicated, service-oriented** work individually ([ArmanRiazi.github.io/services](https://github.com/ArmanRiazi)).

EDUCATION AND TRAINING

Master's in Information Technology

Design And Production Software
Azad University (IAUN)

- Thesis "Using ACO Algorithm to Improve Performance for Container-Based Scientific Workflows."
 - Spanned 4 years.
 - Associate and Bachelor major in Computer Software Engineering (2009 - 2013).
- October 2021

Certificate

Regenerative Finance
Frankfurt Blockchain School, Germany

- Spanned a duration of 18 weeks.
 - ReFi cohort-1 Member.
 - Completed coursework in VCM, dMRV, NbS, OFP, Tokenomic, Offsetting carbon and remove GHG.
 - Scholarship Recipient.
- January 2024

Certificate

Decentralized Finance
University of Nicosia, Cyprus

- Spanned 18 weeks.
 - Completed coursework in tokenization, algorithms of blockchain, mechanisms of DEX, and digital currency.
- September 2023

CERTIFICATIONS

Spent over **500 hours** of theory and practice of blockchain and programming
([ArmanRiazi.github.io/achievements](https://github.com/ArmanRiazi/achievements)).

- **Become a Rust Professional 2024** (138 hours)
- **Mastering TypeScript 2024** (100 hours)
- **Mastering PostgreSQL Databases 2024** (13 hours)
- **Design Patterns-OOP-DDD 2024** (23 hours)
- **Polkadot Blockchain and Substrate framework 2023** (3 hours)
- **Solana Blockchain 2023** (7 hours)

LANGUAGES

Persian: First Language

Arabic: A2

Elementary (A2)

English: C1

Advanced (C1)

ACCOMPLISHMENTS

[ArmanRiazi.GitHub.io/Achievements](https://github.com/ArmanRiazi)