



Shadman Kolahzary

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CONTACT

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WORK EXPERIENCE

● **04/2021 – CURRENT – Remote**

Full-stack developer

NHS UK

- Created automatic robot for extracting data from and applying changes to a clinical software named SystmOne, which results in saving hundreds of doctors' chore hours
- Added E2E tests to cloud micro-services

● **10/2019 – 04/2021 – Sanandaj, Iran**

Research and development engineer

Kubak (Kurd Bazargan Karzan)

- Created full-stack infrastructure for independently delivering messages from back-end services to clients through web-sockets. Including a distributed micro-service and a lightweight client library.
- Created full-stack infrastructure for cross-platform peer-to-peer communications using WebRTC. Including distributed signaling server and web client library which lets web apps easily create peer-to-peer data/audio/video streams between their clients.
- Quickly developed a fully-functional web client prototype for KuChat messenger project.
- Refactored angular project which led to 80% reduction in production size

<https://kubak.co/>

● **11/2017 – 10/2019 – Sanandaj, Iran**

Full-stack developer

Hina Idea Co.

- Created secure cryptocurrency wallet coinobox.com
- Several research and develop projects

<http://hinaidea.com/> / Unit 304, Science and Technology Park of Kurdistan, Zakaryaie-Razi Blvd., Sanandaj, Iran

● **12/2016 – 10/2019 – Sanandaj, Iran**

Computer programmer and Network technician

Rayan Pardaz Hooshmand Co. (ICP)

- Offline Tourism Project: a small WiFi hotspot device based on Raspberry Pi which serves information, maps and applications for tourists in range without Internet access.
- Offline Library Project: WiFi hotspot device(custom Mini PC) for libraries which helps users share books and educational resources with each other without Internet access

- Association of Kurdistan Distribution Companies project(apkurd.ir): Developed cloud-native website and SMS based query system for distribution companies which works as a reference to check which cars and visitors are working for which company.

<http://icp-it.ir/> / Unit 310, Science and Technology Park of Kurdistan, Zakaryaye-Razi Blvd., Baharan, Sanandaj, Iran

2013 – CURRENT

Freelance Programmer

- Helin Waste Management System(helinwm.com): Automated process of collecting waste from users, sorting, pricing, payments, campaigns and etc.
- Chavoosh Group web-based orders processing system (chawoshco.ir): A website for paperless submitting and tracking of cutting, labeling and CNC orders.
- Binance Cryptocurrency Exchange Bot: Create and track advanced trading positions on Binance using APIs, including Trailing Stop Loss, Take Profit, Rebuy Targets and etc..., also creates profit and loss charts based on positions history.
- Some simple CMS websites (VBulletin, Wordpress, Joomla, ...)
- Lots of coding for fun! (Instagram HashtagLiker, Instagram AutoDownloader, Telegram Spammer!, some web-scraping Python scripts & ...)

Sanandaj, Iran

08/2014 – 05/2016 – Sanandaj, Iran

Student Job as Workshop Manager

Computer Workshop of Yazdanpanah Technical College

- Created winforms-based Computer Workshop Management System: Schedules classes, detects conflicts and free time for each classroom, submits students usage of free time and finally generates multiple reports including weekly schedule for each class and teacher

Sanandaj, Iran

03/2013 – 08/2013 – Sanandaj, Iran

Computer programmer internship

Samane-Pardaz-e Vasta Co.

- Worked as intern on Hana-SMS Portal, a portal for sending bulk SMS messages.

<http://www.vastaco.ir/> / Sanandaj, Iran

EDUCATION AND TRAINING

08/2015 – 02/2018 – Sanandaj, Iran

Software Technology Engineering

Yazdanpanah Technical College

LANGUAGE SKILLS

MOTHER TONGUE(S): Kurdish

OTHER LANGUAGE(S):

English

Listening
C1

Reading
C2

**Spoken
production**
C1

**Spoken
interaction**
C1

Writing
C1

Persian

Listening
C2

Reading
C2

**Spoken
production**
C2

**Spoken
interaction**
C2

Writing
C2

JOB-RELATED SKILLS

● Job-related skills

Full-Stack Open-Source Web Developer

- Linux Server Management(Apache, NGINX, Kestrel, OpenSSL, MySql, Docker swarm, Traefik, Firewalls, Cloud Services...)
- Node.js, Nest.js, Express.js, Fastify.js, Socket.io
- MongoDB, RabbitMQ, Redis
- PHP, Laravel, FatFreeFramework

Full-Stack Microsoft Web&Desktop Developer

- Windows Server Management(IIS, MS SQL Server, DNS Server, ...)
- C#, ASP.NET Core 2.2 MVC, EFCore(Code First+Migrations), SignalR, Web APIs
- ASP.NET Webforms, Web Services
- Winforms, WPF, Telerik UI, Stimulsoft Reports, ...

Common Web Developer Skills

- Using cloud services (Cloudflare CDN&DNS&Firewall, Zoho WebMail, ...)
- HTML5, CSS3, JS, JQuery, Bootstrap, Angular, SQL, XML, JSON, AJAX, Vue.js, Nuxt.js, RxJS
- Automated Unit, Integration and E2E Test (Mocha, Chai, Jest, Selenium, Cypress...)

Other Job-Related Skills

- DevOps: Git, Gitflow, CI/CD(Azure DevOps, GitLab), Automated Testing, Conventional Commits
- RPA: UiPath
- Web Scraping: python, bash
- Penetration Testing and patching security holes

OTHER

● **HIGH5 Strengths Test:**

1. Philomath
2. Brainstormer
3. Problem Solver
4. Coach
5. Strategist

[Reference](#)

● **MBTI Type: INTP**

[Reference\(Persian\)](#)

● **Personal Interests**

- Enjoys learning new programming languages and playing with new technologies ^_^
- Enjoys solving puzzles (Fast Rubiks Cube solving, Sudoku, Natas, DWVA & ...)
- Enjoys coding for fun ^_^
- and finally... I love being in a good team :)

● **Other skills**

- Excellent at Research and Development
- Proficient in testing and bug bounty