

Mohammad Javad **Badiei**

SOFTWARE/DEVOPS ENGINEER · SOLUTION ARCHITECT · SECURITY CONSULTANT

No. 91, 36th VakilAbad St., Mashhad, IR - Postal Code:91788-15414

☎ (+98) 915-4090-803 | ✉ hello@mojab.org | 🌐 www.mojab.org | 📱 mojab | 🌐 mojab

*“That is not your aptitude, that is your attitude that make your altitude.
For a greater goal, Sacrifices must be made.”*

Education

Semnan University

Semnan, Iran

MASTER IN ARTIFICIAL INTELLIGENCE

Sep. 2016 - Feb. 2020

- Thesis: A Deep Learning Approach for Time-Series Analysis and Forecasting Financial Data.
- Compared many ML techniques and algorithms including deep learning on SP500 and other stock market historical data in aspect of profitability instead of just accuracy, and in further used a fusion approach of these techniques and deep learning networks(e.g. LSTM)

Sadjad University of Technology

Mashhad, Iran

BACHELOR IN SOFTWARE ENGINEERING

Jan. 2015 - Sep. 2016

- Dissertation: An Intrusion Detection System Based on KDD-99 Data using Data Mining Techniques and Feature Selection.
- Applied decision trees(in particular C4.5) to the KDD-99 in my dissertation. also I did a huge implementation of other techniques on the problem(such as:RF,NN, SVM, ...) beyond the scope of my dissertation

Sadjad University of Technology

Mashhad, Iran

ASSOCIATE IN INFORMATION TECHNOLOGY

Sep. 2010 - Sep. 2014

Skills

Programming	Proficient: C#, PHP, Python Competent: JavaScript, C/C++, JAVA Familiar: Golang, Node.JS, Scala, LaTeX
Frameworks	.Net core, .NetFramework, Laravel, Flask, Django, Bootstrap, Foundation,SQLAlchemy, Jinja, Scrapy,
& Library	Keras, TensorFlow, Scikit-learn, Matplotlib, Dask, pyShark
OS	Linux (Archlinux, CentOS, Debian, Ubuntu, Kali), Windows, FreeBSD, OpenBSD
DevOps	Docker, Kubernetes, Rancher, pfSense, Virtualization(VMWare,KVM,Solous,...), Git, Hg, Gitlab CI, Nginx, IIS, DNS, LDAP, SMTP, Shell Scripting
Other	Amazon Services (AWS, EC2, ...), GCP, WSO2 Family (Identity Server, API Manager, Enterprise Integrator, ...), Gravitee(API Manager,Access Management), OData, OpenAPI, Swagger, Elastic stack (ELK), Blockchain , CMSES (Wordpress, Joomla, Drupal, ...) and etc.
Teamwork	Reliability and Punctuality, Listening Skills, Problem-solving, Critical thinking, Decision-making, Persuasive Skills, Collaboration, Feedback Skills
Languages	Persian (native), English(fluent) - IELTS exam scheduled for June

Experience

Saman Insurance Co.

Tehran, Iran

TECH LEAD & DEVOPS ENGINEER

Mar. 2018 - Jun. 2020

- Developed lots of webservices that handled Online insurance processes and Deployed as the 1st APIs (OpenAPI) in Insurance Industry in Iran.
- API Manager and access control for webservices.(to deliver OpenAPI)
- Integration layer for services and systems in whole company and its partner systems and 3rd parties.
- Channel manager for microservices that handle all interactions with customers (SMS, Email and Telegram).
- comprehensive statistics and monitoring service using ELK stack
- Creating Rancher/Kubernetes cluster with more than 40 nodes for deploying our apps in highly available, self-healing and platform-independent environment.
- Design and Implement pfSense and Cisco ASA firewall network in ArvanCloud and On-premises.
- Many negotiation with regulator for changing some regulations to make Online insurance possible.

SaramadFarda Investments Co.

Tehran, Iran

IT CONSULTANT

Feb. 2018 - May. 2020

- Assessing, monitoring and supervising commercial partners/contractors/co-workers, review and revision informatics contracts(for the company and its subsidiaries).
- Consulting in designing the IT infrastructure of PLANNET (as One of the Eight start-up accelerators in Iran's first innovation factory).
- Consulting on purchasing IT equipment(Servers, Firewalls, Switches, ...) for the company and its subsidiaries.

Bizotech

Mashhad, Iran

TECH LEAD & DEVOPS ENGINEER

Jan. 2015 - Sep. 2016

- Developed and deployed the whole solution(such as central IPTV, MediaServer, MediaBox Client's(based on ARM TV boxes, etc.)
- Built custom android and linux ROMs for ARM setup-box clients(Rockchip SoC based)
- *MailCraft* : a high level email marketing and newsletter platform on top of open source technologies. (with a spam score:9.9/10. FYI: Gmail spam score is 7/10 in this metric system)
- *PiL.ink* : A popular URL Shortner within content developers community.
- *PeskyMail* : A Disposable Email + RESTful APIs.
- Developed interactive chatbots with telegram platform before TelegramBots came out.
- Developed a docker ready template for creating marketing and portfolio websites at the speed of hitting an enter.

Pioneers of Open Source Co.

Mashhad, Iran

WEB DEVELOPER & SYSTEM ADMINISTRATOR

Jan. 2014 - Nov. 2014

- *XaminHost* : setting up company's Web Hosting Services.
- *WebCare* : Uptime monitoring (monitor site availability from many locations worldwide).
- Start and implement more than 10 ideas MVP project (that never found a way to business market).
- Developed company's client portal and website.
- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated in hacking competitions.

Novin Web Host

Mashhad, Iran

WEB DEVELOPER & SYSTEM ADMINISTRATOR

Jan. 2012 - Oct. 2012

- Developed client's portal(based on WHMCS) and website (based on Joomla) and lots of customized plugins for automation and integration services.(such as payment, VM auto-creation, Hosting self-service and etc.)
- Monitor server event logs, performance logs, growth of data on the network, and checking the status of nightly server backups.

Aria Data Net

Tehran, Iran

WEB DEVELOPER

Aug. 2009, Nov. 2011

- Developing more than 10 websites for companies and institutions.
- Implementing client portal and shop for company's products.

Miscellaneous

Mashhad, Iran

FREELANCE

Apr. 2007, Present

- Implementing more than 50 websites for companies and institutions also start more than 50 ideas MVP project.
- Deployed an IP-PBX on top of open-source technologies(Elastix, asterisk) - Imam Reza Hospital ITC and ECO Cultrual Institue
- Implementing a software for a network marketing with a comprehensive compensation calculation.
- Developed and deployed website and LMS. (Sarallah High school)
- Prepared infrastructure and built the website and ERP/CRM for PAXCHI logistics company

Certifications & Training

2019	Body Language Speech , (16h) Certificate number: 46275149	MPT (Austria)
2019	Professional Negotiator , (16h) Certificate number: Issuance ongoing	MPT (Austria)
2018	Microsoft Certified Systems Administrator (MCSA) , (416h) Certificate number: 29179449	IRTVTO
2017	Mikrotik Certified Network Associate (MTCNA) , (64h) Certificate number: 26394787	IRTVTO
2021	Python Programming , (75h) Certificate number: 32987752	IRTVTO
2021	PHP Web Developing , (75h) Certificate number: 33021195	IRTVTO
2019	C# Programming (Windows Apps) , (100h) Certificate number: 29179449	IRTVTO
2021	C# Programming (Web Apps) , 100h) Certificate number: Issuance ongoing	IRTVTO
2021	Web Designer (CIW) , (174h) Certificate number: 33001668	IRTVTO
2012	Linux Professional Institute LPIC-1 & LPIC-2 , Self-study Exam is not taken yet	Self-Study
2014	EC-Council CEH , Self-study Exam is not taken yet	Self-Study
2019	Comptia Security+ , Self-study Exam is not taken yet	Self-Study

Honors & Awards

INTERNATIONAL

2014 **7th National Place**, ASIS Cyber Security Contest (ASISCTF)

Iran

DOMESTIC

2021 **Ranked 41st**, Iranian National University (PhD) admission tests among over 1100 participants

Iran

2018 **Ranked 13th**, Iranian National University (PhD) admission tests among over 1100 participants

Iran

2016 **Ranked 678th**, Iranian National University (Master) admission tests among over 35000 participants

Iran

2014 **Finalist, 6th Place**, National Festival of cyber security contest (IUT-APA : festival.nsec.ir)

Iran

Extracurricular Activity

Mashhad Linux User Group

Mashhad, Iran

CORE MEMBER

Jan. 2009 - Sep. 2015

- Serving as member of leading group for 2 years, Conduct many of group meeting sessions and Cooperate in founding Mashhad Python Users Group
- Lectured some LPIC-1 topics and Presented many presentation in Free Softwares and Linux related topics

Mashhad Python User Group

Mashhad, Iran

CORE MEMBER

Jan. 2009 - Sep. 2015

- Held several sessions of group meetings and Provide tutorials in web development using Flask
- Organized first Hackathon event (ever) in Mashhad

Mashhad Software Talks

Mashhad, Iran

MEMBER

Jan. 2014 - Sep. 2015

- Provide many presentation in free software subjects, such as its culture, laws , revenue and business models.
- Organize Mashhad Connect Conference.

GNOME Foundation, Ubuntu, LibreOffice, Drupal Project , ...

Iran

SENIOR MEMBER - PERSIAN LOCALIZATION TEAM

Jun. 2012 - PRESENT

- Worked on localization of GNOME Desktop Environment, LibreOffice, Drupal Project and Ubuntu and etc. for Persian language users.

Program Committees

2015 **Organizer & Staff**, 1st Mashhad Connect Conference

SUT, Mashhad, Iran

2014 **Organizer & Co-director**, 1st MashhadPUG Hackathon

POS, Mashhad, Iran

2012 **Staff**, SFD Festival (Software Freedom Day)

IRU, Mashhad, Iran

References

Dr. Kourosh Kiani

Semnan University

ASSISTANT PROFESSOR

- Electrical & Computer Engineering Department, Semnan University
- Room 320
- Phone: +98 (23) 3153-2694 · E-mail:kourosh.kiani@semnan.ac.ir

Dr. Reza Shamsaee

Sadjad University of Technology

ASSISTANT PROFESSOR · HEAD OF COMPUTER & IT ENGINEERING DEPARTMENT

- Computer & Information Technology Engineering Department, Sadjad University of Technology
- Room 3/414
- Phone: +98 (51) 3609-2000 (314) · E-mail:r_shamsaee@sadjad.ac.ir

Hojat Jahed

Saman Insurance

BUSINESS DEVELOPMENT DEPUTY · HEAD OF IT COMMITTEE

- Central Building, Saman Insurance
- 8th Floor
- Phone: +98 (21) 8943-4302 · E-mail: h.jahed@samaninsurance.ir · E-mail: hojat.jahed@gmail.com