

**Name:** Amir Mahdi

**Last Name:** Es'haghi Makouei

**Date of Birth:** 1981

**Associate's Degree:** Computer Software Technology – 2005

**Bachelor's Degree:** Computer Software Engineering - 2009

**Email:** [amir1981ca@gmail.com](mailto:amir1981ca@gmail.com)

**Mobile :** +1 778 316 7270

**LinkedIn:** <https://www.linkedin.com/in/amir-makouei-1a8032139>

**Telegram:** <https://t.me/amir1981ca>

### **Professional Summary:**

I have been involved in commercial projects in the field of software, networks, and communications since 2004. From 2012 to 2016, I served as the IT manager at Sahand Steel Industries.

### **Skills and Abilities:**

- Proficient in Delphi programming since 2003.
- Intermediate level PHP programming.
- C programming for hardware and Linux projects.
- Familiarity with MS-SQL and MySQL databases.
- AVR microcontroller programming.
- Designing circuits based on AVR microcontrollers.
- Arduino projects and related modules.
- Implementation of wireless and wired networks.
- Windows Server installation and configuration (services such as IIS, DHCP, Active Directory, Terminal Server, DNS).
- Configuring MikroTik routers and services (DHCP, NAT, PPP, Filtering, Tunnel, Script, Accounting, User Management).
- Setting up accounting systems with IBSng and Nttacplus.
- Installation and configuration of IP-based telephone systems (VOIP) using Isabelle and OmniLeads.
- Asterisk programming.
- Proficient in ESXi virtualization.

## **Projects and Accomplishments:**

### **Software Projects:**

1. Attendance and teaching hours project for the Islamic Azad University of Tabriz (2004-2006).
2. Reservation system for Mahdi Gasht travel agency (2006).
3. Software for a dietary clinic (2004).
4. Software for a counseling clinic (2004).
5. Software for psychiatric clinics (2004).
6. Dental clinic software (2005).
7. Automation software for payroll and wages (2006).
8. Digital relay controller software (2007).
9. Warranty automation system for D-link Azerbaijan (2007).
10. Internal system for Sahand Steel Industries (2014).
11. Added user definition feature for the fax system in Isabelle VOIP system.
12. Currency exchange Telegram bot (2018).
13. Isabelle telephone system queue reporting system.

### **Network and Communications Projects:**

1. Wiring and network setup at Atieh Girls' High School in Tabriz (2005).
2. Development and organization of the rack in Aali Nasab Hospital in Tabriz (2006).
3. Wireless link at 29 Bahman Hospital in Tabriz (2006).
4. Wiring, wireless network setup, and installation of IIS, DHCP, DNS services, and technical support for Niru Sahand Company in Tabriz (2007).
5. Wireless link establishment and network support for the Red Crescent Organization in Tabriz (2007).
6. Wireless link establishment and coverage for Guchm Dam (2008).
7. Setting up an Elastix server with 300 internal lines and 13 city lines, line separation for three sets on one server, transferring city lines from a 6 km distance via wireless link, etc. (2008).
8. Setting up and managing the internal network of Sahand Steel Industries (2012).
9. Obtaining internet usage permit for Brilliant Curtain Company Turkey in the foreign investment town and configuring Cisco routers (2015).
10. Initial setup of an ISP including configuring routers and DSLAMs in telecom centers (2016).
11. LAN and WLAN network setup for Asia Insurance Central Office and East Azerbaijan Branch Supervision (2016).
12. Establishing VPN links between shoe manufacturing branches (2017).
13. Setting up Mikrotik and implementing Failover Internet for Easy Power Company (2017).
14. Setting up guest internet and hotspot for Shayan Hotel with a custom panel (2018).
15. Setting up the Isabelle telephone center for Gold Chem Company along with a 4-digit number and a responsive queue (2018).

### **Internet of Things (IoT) Projects:**

1. Honey bee hive monitoring system including Arduino design and web-based sample panel programming.
2. Web-based control system for single-phase and three-phase electrical devices.
3. Smart socket and bathroom.

**Blockchain:**

1. Bitcoin point of sale (POS).
2. Web-based Bitcoin payment gateway on the Lightning network.

This resume showcases my extensive experience and expertise in computer science, software development, networking, and IoT projects over the years.