

Yousef Fatourae

"Sooner or later, I can get the job done!"

Webpage: majhoolsoft.com

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Residence: Calgary, Canada

EDUCATION

- **Amirkabir University of Technology** Tehran, Iran
Bachelor of Science, Computer Engineering-IT with honors (GPA: B) Sep. 2014 – Sep. 2019
Final Project: "Development of a website to present general information of public IP addresses.
Plus, development of CLI agents to automatically configure Windows Firewall and Linux iptables using the information"
Advisor: **Dr. Mehdi Shajari**

WORK EXPERIENCE

- **Imen Rayaneh Amirkabir** Tehran, Iran
Web Developer July 2019 - July 2021
 - Developed a reporting website to interact with collected network logs using Yii2, vanilla JS, HTML and CSS.
 - Improved database efficiency with replacing SQL Server and its queries by Elasticsearch to store and read big data rapidly.
 - Developed a crawler to obtain required information to detect risk level of IPs using PHP.

NOTABLE FREELANCE PROJECTS

- **Open Source** Github
Web Developer Nov 2021 - Present
 - Debugged a security issue for WPGraphQL JWT Authentication (a WordPress plugin).
 - Developed a Next.js example with an authentication system which uses a signed and encrypted cookie to store session data with JWT, which relies on next-iron-session and SWR.
 - Developed Next.js version of the Black Dashboard React project which is originally made by creativetim.
 - Developed (my) profile webpage with a brand new graphical idea using React.js.
- **Iranian Society for Biomedical Engineering** Tehran, Iran
Web Developer On-call
 - Developed International Iranian Conference of Biomedical Engineering website ([www: icbme.ir](http://www.icbme.ir)) using Laravel.
 - Developed Biofluids Laboratory website ([www: biofluids.aut.ac.ir](http://www.biofluids.aut.ac.ir)) using Laravel and React.js.
- **InT.Com.Net** Remote: Hennef, Germany
CEO's technical advisor Jun 2018 - Aug 2018
 - Involved in the International Tele-Communication & Networking website ([www: intcomnet.pd.cisinlive.com](http://www.intcomnet.pd.cisinlive.com)) construction developed by CIS company (Cyber Infrastructure, CIS, CIS-Plex, 10 South Tukoganj, Indore M.P. India – 452001), using Laravel and AngularJS as the technical adviser for software quality assurance and debug.
- **Persoullo** Tehran, Iran
Web Developer October 2017 - October 2018
 - Developed and managed a Web application with students coaching purpose for University of Tehran ([www: persoullo.com](http://www.persoullo.com)) using Laravel and Vue.js.

NOTABLE TECHNICAL SKILLS

- **Languages:**

Advanced: HTML5, CSS3

Intermediate: PHP, JavaScript, SQL, No-SQL, Java

Novice: Sass, GraphQL, C

- **Technologies and Frameworks:**

Advanced: Bootstrap, Tailwind CSS, W3.CSS

Intermediate: Laravel, React.js (Next.js), SEO

Novice: Node.js, Yii, Vue.js

- **Database Management Systems:**

Intermediate: MySQL

Novice: Elasticsearch, MongoDB, SQL Server

- **Operating System:**

Intermediate: Linux (Ubuntu + CLI)

Advanced: Windows

- **Version control:**

Intermediate: Git

- **Project Management Tools:**

Novice: JIRA, Trello, Microsoft Project

- **Hardware Description Language:**

Novice: Verilog, VHDL

TEACHING EXPERIENCE

- **Teaching Assistant**

*Advanced programming in **Java**, Amirkabir University of Technology, Tehran, Iran*

Feb 2017 - June 2017

- Helped Dr.Majid Noorhosseini and his assistant team by marking students Java projects.

NOTABLE ACADEMIC PROJECTS

- **Internet Engineering course:** Developed an online store website and an online multiplayer game website using LAMP stack and Vue.js.
- **Advanced Programming course:** Developed many desktop applications and a graphical game called Robokill with capability of playing against many enemies using Java.
- **Principles of Programming course:** Developed desktop games including Paint, Snake, Tetris using C.

OTHER ACTIVITIES

- **Skilled Motorcycle mechanic - since 2020**
- **Digital music and studio activities - 2010**
- **Mountain Hiking - since 2013**
- **Good cook :-)**