

## **Shayan Yousefian**

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### **WORK EXPERIENCE**

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#### **Back-End Web Developer**

*April 2018 - Present*

**Hostpapa • Burlington, Ontario**

- Increased the number of active customers by 1500 and added Alipay as a new payment method by using Alipay's API to create orders and taking advantage of Ubersmith's billing system integration with Alipay to allow the newly acquired company, Lunarpages, customers to continue using Alipay in their accounts.
- Improved domain search/suggestion performance by using Angular lifecycle hooks to only trigger suggestions request for unavailable domains.
- Refactored a Wordpress project by using composer and updated Nginx rules to match the new project.
- Encouraged more customers to have their services renewed annually by integrating PayPal's billing agreement to allow submitting recurring PayPal payments.
- Created detailed Jira tasks based on management's requirements (For SendInBlue email management, Geo-located servers and SiteLock to Comodo Protection Power service migration projects.)
- Technologies: *Vagrant, Bitbucket pipeline, Phan, Stan, SendInBlue, Loggly, HealthCheck, NewRelic, AWS lambda*

#### **Senior Full-Stack Developer**

*November 2016 – April 2018*

**Yektanet at Nabzino • Tehran, Iran**

- Yektanet, a greatly successful project that been generating revenue and brought recognition for the company, is an intelligent web advertising system that shows relevant ads based on webpage content and user interests.
- Defined project requirements and high-level architecture, to ensure performance and reliability with its great number of visitors and their tracking data.
- Recruited and managed a junior development team to meet the growing project's expectations.
- Load balanced the incoming web traffic onto more than 15 servers with their databases, cached by Redis. To have a unified data, servers send hourly updates to the master server, via a secured API call.
- Technologies: *Django (Python), REST APIs, Redis, PostgreSQL, Jira, GitLab*

#### **Software Architect**

*June 2016 – August 2016*

**Chetor Pro at Nabzino • Tehran, Iran**

- Architected an interactive learning platform that tracks users learning progress, suggests related articles and issues certificates by designing database relations, Django modules, and front-end components.
- Created Jira project for development team and managed them by sprint planning. Held weekly meetings with managers to report progress and collaborate with content team to improve admin dashboard for writers' use.
- Developed CMS in Django based on MVC architecture with dashboards for content managers and customers.
- Supervised design process to create intuitive interface that encourages users to participate more in the platform.
- Technologies: *Django (Python), PostgreSQL, JIRA, GitLab*

#### **Wordpress Developer**

*March 2016 – November 2016*

**Chetor at Nabzino • Tehran, Iran**

- Chetor.com an award-winning online lifestyle magazine is ranked 65th most visited domain by Alexa.
- Maintained project's general development requirements and improved page load time to under 5 seconds by developing customized WordPress plugins and themes, using lazy-loading and responsive images.
- Developed an RSS-feed manager to allow content managers to enqueue and schedule articles in different feeds.
- Technologies: *Wordpress (Plug-in and Theme development plus maintenance), Git, JQuery, Bootstrap*

**Back-End Web Developer***August 2015 – March 2016***Bamilo • Tehran, Iran**

- Automated daily data migrations between several applications by a combination of web crawling their dashboards, calling APIs and direct database queries.
- Provided data analysts with an intuitive dashboard by developing a Laravel (PHP) web solution to schedule data migrations and build visual queries (choosing fields, conditions and sorting using HTML form elements)
- Created a Telegram Bot (Telegram is a popular messaging app for mobiles, desktops, and web) suggesting gifts based on 5 simple questions and two-way conversation with customers.
- Implemented subscription management pages using Bootstrap 3, based on given design blueprints.
- Technologies: *Laravel (PHP), Bootstrap, JQuery, Jira, Git*

**Full Stack Web Developer***February 2013 – August 2015***Pordo • Tehran, Iran**

- Developed customized content management systems using CodeIgniter (PHP), tailored to each client's needs.
- Implemented +20 web pages, based on the design templates customized for customers.
- Technologies: *CodeIgniter (PHP), Bootstrap, JQuery, TortoiseSVN*

**EDUCATION****Master of Science Degree in Computer Science***February 2019***Brock University • St Catharines, Ontario, Canada**

- Title: A Game with Auto Generating Quests Using Genetic Programming - Average: 91%

**Bachelor of Engineering Degree in Computer Software Engineering***January 2017***State University of Beheshti • Tehran, Iran**

- Bachelor's Project Title: Autonomous web server configurator - GPA: 3.67 (major courses)

**PROJECTS**

- React JS calculator ([app.shayanys.com/calculator](http://app.shayanys.com/calculator))
- Alexa skill: [amazon.ca/Shayan-Ys-Random-Teller](https://amazon.ca/Shayan-Ys-Random-Teller)
- Android Dice Roller app in Kotlin ([dice-roller.apk](#))
- Android About me app in Kotlin
- Instagram non-followers listing JavaScript app ([link](#))
- Personal portfolio, gallery and apps showcase: [shayanys.com](http://shayanys.com) | [/gallery](#) | [app.shayanys.com](http://app.shayanys.com)
- Vehicle Routing Problem using genetic algorithm ([Git](#))
- Volunteer Graphic designs: logo, poster, banner, button art and Instagram posts for University's club

**RELATED EXPERIENCE****Brock University • Teaching Assistant***September 2017 – December 2018*

- Introduction to computer science (Java)
- Robotics lab (Arduino assembling and programming)
- Web programming (HTML, CSS and JavaScript)
- Human Computer Interaction (User interface design)

**SKILLS****Professional languages and technologies**

- **Fluent:** Python, PHP
- **Advanced:** Java, SQL (MySQL and Postgres), C++, C#
- **Intermediate:** Angular, ReactJS, Postman, CLI, Vagrant
- **Familiar:** Android Kotlin, Photoshop

**Languages**

- Fluent in English
- Persian native

**Interests**

- Photography, playing piano, graphic design, UI