Curriculum vitae

Sameer Rahmani

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Objective:

I'm always looking forward to learn more and improve my knowledge and skills. I like to challenge myself with using my knowledge to create new software or invent new stuff which people shall use and remember me by. Obtaining a job position which allow me to take pleasure from working is my main professional life goal.

Experience:

- **Senior web Developer and Project manager in Yellowen**
  2005 Present
  I'm the head developer and leader of several projects in Yellowen. I manage different teams with different talented developers in different operation fields. We create and launch web/mobile application, software automation and backend service project. My teams productivity performance improved by 60 percent by using Lean project management methodology. I'm writing a series of articles about my way of leadership and development in Yellowen.

  I'm responsible to design and develop high performance and scalable web application from scratch. I manage to create several reliable services by taking advantage of free and open source software which was a big success.

  Back in the early days of my work in Yellowen I was a member of web development team. We were working on school automation and management software of ministry of education which runs on about 3000 schools across the country.

  As result of a Yellowen strategy to use and develop free software there is a long list of free software we developed in Yellowen which I'm proud of.

- **Web Developer in Bayan co** *2009-2010*

  A member of Python Web Development team and working on HOD email service and blog.ir project. I was responsible for creating a reliable, scalable, distributed computing backend, elegant web interface

for HOD email service and also creating the beating heart of all the Bayan services which was the central authentication and authorization service. I created a background job service to handle operation a big database using Django and Celery.

- 4 years experience in teaching GNU/Linux and Programming in Aptech.

- Network administrator chef at:

  - Karajlug Community
  - Notrica co
  - Tehran Telecom co
  - Karanic Group
  - Hamshahri newspaper

Education

Islamic Azad University of Yazd
Bachelor's degree, Civil Engineering, *2005   2009*

Languages

English
Persian
Japanese (beginner)
Spanish (beginner)

Skills

- Linux server and devices administration

- Linux network administration

- Distributed software development

- Programing in:

  - C/C++
  - Python
  - Ruby
  - Perl

- PHP
- Lua
- Lisp
- Javascript
- Scala
- Clojure

- Good level of security knowledge

- Linux kernel development

- Over 13 years of programming experience

- Web application development. Expert in popular frameworks like: Django, Ruby On Rails, Sinatra, Flask, Emberjs, Backbone, AngularJS etc

- Expert in PostgreSQL, MySQL, Redis, MongoDB, Casandra database engines.

Activities

- Proud member of GNU project.

- Member of Debian GNU/Linux Python team.

- Proud member of Karaj Linux users group. (Karajlug.org)

- Co-founder of IranOnRails ruby users group. (First Iranian RUG)

- One of the members of IrPycon 2013 organizers team.

- One of the members of KFSC 2010, 2011, 2012, 2013 organizers team.

- Many lectures and technical talks in local conferences

Projects

I let my work to speak for itself. Here are some of my free projects or those which I participated in:

- Faalis (`https://github.com/lxsameer/Faalis`)
  A ruby on rails engine which provides a basic web application to use with other ruby on rails applications.

I'm one of the core developers and manager of Faalis. I designed and implemented most of core functionality of Faalis like: Dashboard Interface, Dynamic Authorization service, Awesome resource generators of Faalis and others systems.

- Susanoo (`https://github.com/Yellowen/Susanoo`)
Meta Framework to develop hybrid mobile application in a blink using HTML5 and Javascript

  I started this project as a hobby but very soon Susanoo grew and become a full fledge mobile application development framework with lots of cool features. So we continue to work on Susanoo as team.

  Any RubyOnRails developer can get start and create awesome mobile apps in a blink of an eye using Susanoo because it is just like ROR.

- Djamo (`https://github.com/Yellowen/Djamo`)
An ORM-like object mapper for Django and MongoDB which aimed for simplicity and easy usage.

  After wandering around to find a suitable DRM for we decided to create our own and we give birth to Djamo which is faster and better organized compared to their rivals. I designed and developed Djamo entirely.

- Daarmaan (`https://github.com/Yellowen/daarmaan`)
A free Single Sign On software. A complete solution to implement central authentication in a cloud.

  There are some well tuned robust central authentication solution out there, but none of them fits our needs. My mission was to create a central authentication service with a single sign on interface. Daarmaan is the result. A single sign on solution which fits our requirements and work perfectly.

- Model discovery (`https://github.com/lxsameer/model_discovery`)
A solution for Ruby on Rails applications model discovery problem. It's simple yet very handy.

  Because of RubyOnRails autoload mechanism It's impossible to get a list of your web application modules without walking through the filesystem and read the file name which can be very slow and also you can't discover models in other gems.

  Model Discovery create a list of all models in a web application whether it defined in web app directly or inside a gem and store them in a database so developers can access them easily.

  I designed Model Discovery to use with the Faalis authorization system. But now it has lots of users for its own.

- Site framework (`https://github.com/lxsameer/site_framework`)
  A site framework for Ruby on Rails web framework inspired by Django site fremework.

  Ruby on Rails is missing a site framework to create web applications which handle multiple web sites at once. We needed to implement such functionality for a startup so I implemented Site Framework by looking back at Django.

  I wrote some Rack middleware and an API to load views and models base on the current requested website.

- Vakhshour (`https://github.com/Yellowen/Vakhshour`)
  Very simple and handy network event passing application

  I was looking for a secure and lightweight message passing service to implement a couple of the core functionalities of Daarmaan. But I didn't find anything to satisfy my needs. So I designed a very simple yet secure framework which use two way SSL connections along side popular message passing solutions like event subscription and pushing.

- RedVakhshour (`https://github.com/Yellowen/red-vakhshour`)
  Ruby implementation of Vakhsour client.

  To implement a Vakhshour client in Ruby I needed to implement AMP protocol in Ruby (Ramp was the result) Then i created the Red-Vakhshour to work with Rails applications.

- Kuso IDE (`https://github.com/KusoIDE/KusoIDE`)
  A Gnu/Emacs base IDE with special goals

  I love Emacs. It's the best editor around for me. I created an Emacs distribution with certain goals in mind like: portability. Kuso has a solid core and easy to extend package manager.

- MBTilesViewer (`https://github.com/lxsameer/MBTilesViewer`)
  View geodata offline in MBTiles format.

  Our GIS customers did not have access to fast and stable internet connection everywhere and they need to access their GIS data everywhere like caves and etc.

  MbTile is the universal standard to store GIS data within SQLite databases. Unfortunately, there is no viewer for MbTiles around. So I create one using Nodejs, webkite and openlayer.

Interests

- KyoKushin karate
  Im a professional fighter and I enjoy training everyday. I have some

national level titles. It help me to keep my body strong and my mind healthy.

- Watching Japanese anime

- Drawing comics

- Playing guitar.

- Creating new hardwares

- Playing computer games

References

My website: `http://www.lxsameer.com/`
My Github profile: `https://github.com/lxsameer` (**Checkout organizations which I controll**)
Yellowen Github profile: `https://github.com/Yellowen`
Ohloh profile: `https://www.ohloh.net/accounts/lxsameer`
linkedin profile: `http://www.linkedin.com/pub/sameer-rahmani/54/407/423`
Careers: `http://careers.stackoverflow.com/lxsameer`