Kia Hosseini

Kia.hosseini7@gmail.com
+98 (919) 127 84 27

Python is my 2nd love,
1st one is still a placeholder ;)

Kiahosseini.github.io
linkedin.com/in/kiahosseini

EXPERIENCE

Full Stack Software Engineer   **Smart Processing Corporation**   **Winter 2015 - Now**

Python, Django, PostgreSQL, SQL Server, HTML, CSS, Bootstrap3, CoffeeScript, Less, Javascript, jQuery, AJAX, Git, Redis, Celery, Nginx, Ubuntu Server

- Supervising a team of up to 5 engineers and 2 UI/UX designers during their day-to-day development of our software core based on Django.
- Developed and now supporting a layer over Django, which makes using it's core concepts and features easier. (Views, Forms, Forms Validation, Asset Management, Reusable Templates, Caching, Logging and etc.)
- Developing a central management tools and e-commerce website to help our support team keep their hands off the code and manage our clients' web applications within the web-based tools.

Full Stack Software Engineer   **Adena Corporation**   **Summer 2009 – Fall 2014**

Technologies: Python, Django, MySQL, HTML, CSS, Javascript, jQuery, AJAX

- Supervised a team of up to 7 engineers during their day-to-day development of news portals, stock exchange web applications, e-commerce sites, and product presentation websites.
- Refactored copy-pasted code from 12 projects into reusable modules. This lead to deleting 50,000+ lines of code.
- Designed and implemented a workflow management system that supports customizable state management, actions, permission handling, logging, user note and notification.
- Designed and implemented extensible (in data model, rendering template, payment & invoicing flow) marketplace module supporting ajax carts, invoicing reports and secure payment collection connecting to secure payment collection through 5 bank endpoints.
- Developed Django and frontend modules for journalistic activities: commenting system, moderation, user rating, saving drafts, archives, monetizing subscriptions, advertisement, and social media.
- Created generic notification module which provides API for other applications to deliver push notifications.
- Created frontend and backend components to cache stock trends from the official datasource and display heatmaps, overiew, stock analyzer sample, and comparison charts.
- Created end-user programmable news scraping system for journalists to paraphrase news from other sites using Xpath, Scrappy, and Django.
- Designed and implemented cross-application single sign on. This let our clients to connect their websites use this service as a main auth system.
- Developed content management module capable of handling a wide range of dynamic content moderation of web our application, with reusable API available for other modules to handle contents.
- Fully designed and implemented front-end and back-end of of internationalized (bi-directional languages) web-based applications.

Freelancer   **Fall 2008 – Spring 2009**

Technologies: VB/C#, ASP.NET, MS SQL Server, Microsoft Access, HTML, CSS, Javascript, jQuery, AJAX

- bettersoundco.com Developed product presentation website for Better Sound Co., with slider, news, search, internationalized (bidirectional languages), and product managing features.
- narvand.com Created Narvand Faraz Co. official website, with search, internationalized (bi-directional languages), product managing features.
- agchord.com I developed Individual Music Sharing website owned by me! With advanced search & autocomplete, songs alphabetic filtering & pagination, upload, internationalized, download, and membership features.
- avajmusic.com Built AVAJ Music Band official website, with search, internationalized, song managing features.

Education

BS in computer science Central Tehran Branch of Azad University   Fall 2008 – Fall 2013

Languages and Technologies

- Language & Framework: Python: Django (Expert), Ruby: Rails, Javascript: Node.js, Coffeescript, VB: ASP.NET, C#: ASP.NET MVC, Java: Android
- Database: MySQL, MongoDB, MS SQL Server, PostgreSQL, SQLite, Microsoft Access
- Frontend: jQuery, Less, SASS, HTML5 & CSS3, d3.js,
- Experienced OS: Ubuntu (main), Windows, CentOS (server), MAC OS, Fedora, Mint
- System Administration: Ubuntu, CentOS, Windows Server, Apache, IIS, Nginx, Mail Server Security & Config, cPanel, Plesk, Django Deployment, DB Clustering, Backup, Maintenance, Security
- Version & Issue Control: SVN Client, SVN Server, Git, Github, Gitlab, Trac, Bitbucket