

ADITYA MHAMUNKAR

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Binghamton, NY

SKILLS

Frontend: HTML5/CSS3, JavaScript/JQuery, KnockoutJS, Bootstrap **Backend:** Python, Flask, SQLAlchemy, REST API, Java
Data: SQL, MySQL, PostgreSQL, Oracle **Tools:** Linux, AWS, Oracle VirtualBox, Vagrant, Git, Grunt, Illustrator

PROJECTS

Neighborhood Map

Nov 2017

- Developed a responsive single-page Google Maps API based application using KnockoutJS with a map of neighborhood, including map markers for locations and a list view to support simple browsing of all locations
- Implemented third-party APIs to provide nearby information about these locations (StreetView and Foursquare)

Item Catalog Application for E-commerce Website

Dec 2017

- Developed a RESTful web application using the Python's Flask and SQLAlchemy, HTML/CSS/JavaScript with Bootstrap and jQuery, that provides registered users the ability to post, edit and delete their own items from the catalog
- Implemented third-party Google's OAuth 2.0 authentication securing from the CSRF attacks, local authorization feature for authorized database updates, and JSON endpoints that serves information from the catalog

Linux Server Configuration using AWS

Dec 2017

- Turned a brand-new, bare bones, Linux server from Amazon Web Service into a secure and efficient web application host to serve a WSGI application built using Python/Flask and PostgreSQL
- Ensured security by configuring the Uncomplicated Firewall to allow only SSH, HTTP and NTP ports, hosting SSH on a non-default port, and enforcing key-based SSH authentication

PROFESSIONAL EXPERIENCE

Bysness Inc. - User Interface Designer and Developer

Nov 2014 - May 2016

- Designed, co-developed, and managed the front-end of a creative project (Hopping Chef - E-commerce Food Store app) from concept to completion (tinyurl.com/hoppingchefapp)
- Designed strategic plan for component development approach for web interfaces to support future projects saving time and efforts by ~40%
- Optimized the speed and performance of the web applications which in turn improved the quality of the products

Kronosis Hyper Technologies - Front-end Developer - Intern

Aug 2014 - Oct 2014

- Developed responsive UI elements from scratch (form components, views, calendar) using CSS features such as transition, transform, animation, and SASS preprocessor for a CRM web application
- Upgraded the quality of user experience by debugging across multiple browsers on multiple devices and platforms
- Developed responsive CSS grid-based page layouts that were cross-platform compatible for a web portal of an Angel Investments firm, thus eliminating the need for a native mobile app and saving ~20% of the project cost

EDUCATION

The State University of New York at Binghamton – Master's Degree in Computer Science

May 2018

Mumbai University – Bachelor's Degree in Computer Engineering

Feb 2014

Udemy - AngularJS JumpStart

Feb 2017

Udacity - Nanodegree in Full Stack Web Development

Dec 2017

EXTRA-CURRICULAR ACTIVITIES

Obtained a Diploma in Digital Movie Making from Raheja School of Arts, Mumbai, and achieved Best Editor award for a documentary and Best Videographer award for a short film (tinyurl.com/shortfilmpromise)