Yash Mehrotra

CONTACT

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EDUCATION

Computer Science

August 2013 — Present

Jaypee Institute of Information Technology

Overall CGPA - 6.4

Major GPA - 8.0

Achievments -

- Came 3rd in Execute 14.1 (Intra-College Programming Contest)
- Came 4th in Execute 14.2 (Inter-Hostel Programming Contest)
- Came 5th in Execute 14.3 (Intra-College Programming Contest)
- Came 4th in Knuth Cup (Annual College Fest Programming Contest)
- Qualified for Knuth-Entrevista (An Interview round for the top rankers of Knuth Cup)
- Volunteered for OSDConf 2014 , An open-source developer's conference organized by the Open Source Enthusiasts of the college.

SKILLS

- Experienced in Programming in Python, JavaScript,C/C++ and PHP.
- Experienced in Web-Frameworks like Django and Flask.
- Familiar with front-end development using HTML, CSS , AngularJS, JQuery.
- Experienced in MySQL, PostgreSQL.
- Experienced in Version Control System Like Git and Mercurial.
- Comfortable in working with Linux (Primary OS - Elementary 0.3)
- Tools - Vim, Sublime Text

WORK EXPERIENCE

Pixpa Inc.

June 2014 — August 2014

Web Development Intern

- Integrated Social Login Feature
    - Allowed Users to Signup and Login Through Facebook.
    - Worked with Facebook Login API
    - Added a module to automatically link existing user's account with their Facebook Account.
    - Tracked their login frequency for marketing purposes.
    - Technologies Used -
        - PHP
        - Javascript
        - MySQL
- Image Downloader

- Added a feature which allowed creative professionals to download their existing galleries as zipfiles.
- Used the Rackspace API to upload the ZIP files to cloud.
- Created both frontend and backend for this project.
- Weekly used by 30-40 users.
- Technologies Used -
  - Python (Django Framework)
  - Javascript/Jquery
  - MySQL
- Customer Relationship Management
  - Created a tool which allowed users to manage and communicate with the customers for their websites.
  - With the help of this tool, users could maintain their customers, and respond to them in an improved and efficient way.
  - Technologies Used -
    - PHP
    - Python (Django Framework)
    - Javascript
    - MySQL
- User State Tracking System
  - A tool which tracked the user's progress on the Pixpa Dashboard.
  - Developed an Algorithm which would suggest users various options to improve their Website's Traffic based on their current progress.
  - Technologies Used -
    - Python (Django Framework)
    - MySQL

BookAway.in   August 2013 — Present

Backend Developer

Co-Founded a Website built for Buying , Selling and Renting Books among college students.
URL : http://www.bookaway.in
Code: https://github.com/yashmehrotra/Bookaway

My Current Role -
- Developed the whole backend for the website in PHP.
- System Admin for the Web Server.
- Designed and Implemented the website's architecture which is based on RESTful API.
- Implemented Search Filters based on JavaScript to ease and pace the browsing experience.
- Technologies Used -
  - PHP
  - MySQL
  - Javascript

OPEN SOURCE CONTRIBUTIONS
- **Bookie**
  - Bookie is a python-based bookmark manager.
  - URL: http://bmark.us
  - It is available as a web-app , chrome and firefox extensions
  - My Contributions -
    - Improved their search, allowing users to search with different case of tags.

- Also wrote tests for the above.
- Identified and fixed flaws in setting up the development environment.
- All contributions were in Python.
- Submitted 2 bugs also which are confirmed and fixed.
- https://github.com/bookieio/Bookie/commits/develop?author=yashmehrotra
- Mozilla
  - The Mozilla Foundation is a non-profit organization that exists to support and collectively lead the open source Mozilla project.
  - URL: https://www.mozilla.org/
  - Contributed various bugs to its famous web browser - Firefox
  - Bugzilla Profile: https://bugzilla.mozilla.org/user_profile?user_id=525002
  - https://github.com/mozilla/gecko-dev/commits/master?author=yashmehrotra
- elementary.io
  - It is the website for the linux distribution - elementaryOS.
  - Fixed minor frontend bugs for it's website.
  - https://github.com/elementary/mvp/commits/master?author=yashmehrotra

PROJECTS

- **Github Profile for Various Projects:** https://github.com/yashmehrotra/
- **Soldier**
  - Created a wrapper for the subprocess library of python.
  - Currently under development (alpha level)
  - Allows users to perform all subprocess operations with ease.
  - Available on pypi.python.org/soldier or can be installed using - `pip install soldier`
- **Garuda**
  - A twitter-clone with all twitter functionality like search tag, follow users, tweet, feed etc.
  - Made in Python(Django) using MySQL DB.
  - https://github.com/yashmehrotra/garuda
- **Commit Strip Downloader**
  - Commit Strip is a comic strip website featuring funny web developer related comics.
  - Created a dowloader which can download all comics of the give month.
  - https://github.com/yashmehrotra/commit-strip-dl

REFERENCES

References available upon request.