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

- **Github Profile for Various Projects:** https://github.com/yashmehrotra/
- Experienced in Programming in Python, C/C++, JavaScript and PHP.
- Experienced in Web-Frameworks like Django and Flask.
- Familiar with front-end development using HTML, CSS and JQuery.
- Familiar with MySQL, PostgreSQL.
- Experienced in Version Control System Like Git and Mercurial.
- Experienced in working with Linux (Primary OS - Elementary 0.2)
- 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 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.
  - Also worked 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
    - HTML/CSS
    - 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 Efficient 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 CurrentRole -
- 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
  - 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

REFERENCES

References available upon request.