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Sankalp Kulshreshtha

EDUCATION

Carnegie Mellon University
BS in Information Systems
Winter 2014 Graduate

Pemberton Township High School
Class Rank 5/285

EXPERIENCE

Dot & Bo - Full Stack Developer   06/14 – 08/14
eCommerce Startup
- Developed CRM system which pulls data from various services (ecommerce backend, analytics engine, predictive recommendation engine, social media profiles) and conslidates into a dashboard view.
- Used Redis to cache API calls and store summarized order data from background job.
- Created CRM API using RABL (Ruby API Builder Language) and Sinatra. Frontend uses AngularJS and Bootstrap to consume the API.

Krypton - Lead Developer   06/13 – 08/13
Early Stage Edtech Organization
- Created Ruby on Rails application from scratch with 4 designers and 2 developers. Application hosted on Heroku and intended to scale to many users.
- Led daily scrums for developers and served as the "developer's voice" in discussions.
- Helped design use cases, user study script, data model, and wireframes.
- Project endorsed by thought leaders Seth Godin, Malcolm Gladwell, Daniel Pink, Gretchen Rubin, Scott Harrison, Christopher McDougall and more. Thousands around the world met weekly and participated in Krypton courses.

Social Computing Lab - Research Assistant   05/13 – 08/13
CMU Human-Computer Interaction Research Lab
- Architected a distributed realtime web application that when given a question attempts to answer through a combination of web scraping, crowdsourcing, and artificial intelligence.
- Developed backend including data model, server side scraping, integration with Mechanical Turk API, deployment with DigitalOcean, and web annotation feature.

Energy Plus - Technical Operations Intern   05/10 – 08/10
Midsized Energy Company
- Set up 40+ employee workstations using Active Directory, VOIP phone system, and hosted Microsoft Exchange solution. Provided desk side support to 100+ users.
- Helped scale company by analyzing trending errors and compiling wiki based help documentation for IT department.

PROJECT

Cross-Platform Mobile Web Application - Developer   08/11 – 12/11
CMU Course
- Developed a mobile web application using Node/Express, MongoDB, and PhoneGap. Integrated with Mechanical Turk API.
- Application helps designers create interactive prototypes from mobile phones using paper sketches. Complex client-side interactions made heavy use of Javascript and Canvas.

LEADERSHIP

CMU Speech & Debate - Founder and Vice President   01/12 – 05/13
Student Organization
- Turned an idea into a thriving organization funded and recognized by Carnegie Mellon University. Organization gained over 200 members on the email list and 35 active members throughout the year.
- Created the constitution, ran board meetings, and developed the website.

VENTURES

Canvas Inc., Project Olympus Probe
Jadyu, CEO

TECHNOLOGY

Ruby on Rails, Javascript, Mechanical Turk, AngularJS, Redis, Git, SQL

US Citizen