Chandni Soni

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ABOUT ME

I'm seeking a Software Engineering position involving full-stack responsibilities. I'm passionate about writing clean, functional and usable software that works and adapts to ever-changing organizational needs.

EDUCATION

Bachelor of Engineering (Major: Chemical Engineering, Minor: Computer Science)
Thadomal Shahani Engineering College, University of Mumbai

Coding Dojo, Silicon Valley - Onsite Flex Bootcamp
Intensive 14 week full-time web development program gaining more than 1000 hours of coding experience. Focusing on Web Development using M.E.A.N. stack and Python, and iOS development using Swift.

TECHNICAL SKILLS

Languages	JavaScript, Python, Java, HTML, CSS, SQL, Swift
Frameworks	jQuery, Bootstrap, Flask, Express, node.js, AngularJS, mongoose, jinja
Databases	MySQL, MongoDB
Cloud Providers	Heroku

PROJECTS

See It, Click It, Buy it!
See it, Click it, Buy it! is an iOS app that allows a consumer to click a picture of an item and buy it online using their smartphone. The app uses image recognition APIs to identify a product in the clicked image and then uses eBay API to display available items to buy. *Technologies Used*: Swift, IBM Bluemix API, eBay API.

Interactive Beer Pong *(Hackathon winner at Coding Dojo among 12 teams)*
Keeping track of scores can be difficult while playing beer pong. To help beer pong players keep track of scores, I designed and developed an Arduino based embedded system that uses a photosensor to detect when a player have scored a point, and displays the scores on the scoreboard UI. The node.js software receives a continuous stream of light intensities from the embedded system. Whenever a ball lands in the cup, the intensity of light reduces by a factor, a point is scored and the scoreboard UI is updated. *Technologies Used*: node.js, express, socket.io, johnny-five, JavaScript, HTML, CSS.

Events Near Me *(Hackathon winner at Coding Dojo among 12 teams)*
I want to discover popular events around me. One great way of discovering that is to figure out how many people are interested in going to an event, and then make a decision. To solve this problem, I designed and developed an event discovery platform that allows users to discover, rate and review local events. After logging in, user sees a map of events. Users can express their interest in events they are interested in going to and can also leave a note for others. **Technologies Used:** Python, Flask, Bootstrap, HTML, CSS, JavaScript, SQL, MySQL, Google API.

Beauty Product Browser (http://beauty-product-browser.herokuapp.com**)**
A simple web application that allows users to browse the Amazon product catalog related to beauty products. It also uses node-cache module to cache AWS response on server-side reducing the page load   time from 1.2s to 300ms. **Technologies Used:** node.js, express, JavaScript, AngularJS, HTML5, CSS, Bootstrap, AWS.

PUBLICATIONS
Chandni Soni, et al., "Enzymatic Hydrolysis Of Cellulose: Isolation And Investigation Of Cellulose Breaking Fungus From Soil", International Journal of Innovative Research & Development, 2013.

OTHER ACADEMIC MERITS
- 2nd position in Technical Paper Presentation at CHEMERGENCE (2012)
- 2nd position in Business Quiz at CHEMERGENCE (2012)

POSITION OF RESPONSIBILITY
- Event Head of Chemical Quiz for National level Technical fest CHEMERGENCE (2011)
- Event Head of Face Painting for National Level College Festival SPIRITS organized by TSF-TSEC (2010)
- Donated 120 hours towards social service under National Service Scheme.