

Chandni Soni

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ABOUT ME

I'm seeking a Software Engineering position involving full-stack responsibilities. I give preference to positions which leverage my background in building clean, functional and usable products. I'm passionate about writing 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 12 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

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

PROJECTS

See It, Click It, Buy it!

As a consumer, I want to look at an item that I like and buy it online using my smartphone. To solve this problem I built an iOS app that allows user to click an image of the item and then using image recognition APIs the app recognizes the item in the image in terms of tags and probabilities. The tag with highest probability is then used to display products from e-commerce websites. **Technologies Used:** Swift, IBM Bluemix API, eBay API.

Interactive Beer Pong (*Hackathon winner at Coding Dojo*)

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.

Events Near Me (*Hackathon winner at Coding Dojo*)

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.

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.