

# Nishant Jani

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## Education

- **University of Southern California** May 2016  
Masters in Computer Science
- **University of Mumbai** June 2012  
Bachelor of Engineering in Computer Engineering

## Technical Skills

- **Programming Languages:** Java , Python, C++, C#
- **Web Technologies:** OO JavaScript, Backbone.js, PHP [Zend Framework, CodeIgniter, Yii framework, Wordpress], HTML5, CSS3, Twitter Bootstrap, Google App script.
- **Database:** MySQL, NeonCRM, Phinx (database migration)
- **Others:** Unity 2D, SEO, Jenkins Continuous Integration, Grunt, Mercurial, Git, Bitbucket, JIRA.

## Work Experience

- **Inknowledge Inc** - Software Development Engineer Nov 2012 - July 2014
  - Worked with Texas based startup to design and develop a system of applications that helps staff, faculty and students within an organization of higher education to describe, manage and share their assets. The application is purchased by two leading universities in the USA and is currently used by over 2,000 staff and faculty members.
- **Greencart Ventures** - Web Developer Jul 2012 - Oct 2012
  - Developed E-commerce web application that targeted Mumbai's food and grocery market to tremendously simplify shopping for groceries. The web application was used by thousands of daily active users and recently secured \$1.5M angel funding.

## Projects

- **Mentis Framework** (Nov '12 – June '13) – Pioneered and built a production ready framework equipped with bunch of robust libraries that simplified and accelerated application development and hence reducing development time by estimate of 30%. [Zend Framework, MySQL, Backbone.js, PHPUnit]
- **Profiles 2.0** (Feb '13 – May '14) - Engineered Profiles 2.0 that as a platform allows faculty to easily describe and share their teaching, research, service activities, etc online to help disseminate this information among faculty, staff, students, industry professionals and community partners. [Zend Framework | Backbone.js | Twitter Bootstrap | MySQL | Grunt]
- **Community and Service Learning App** (Nov '12 – Feb '13) - Designed and developed app that allows faculty to describe, document and share community and service learning projects. This helped users to link community partners to know what partnerships are building around them and share community and service learning experiences on their profile. [Zend Framework | Backbone.js | Twitter Bootstrap | MySQL | Grunt]
- **Mentis Explore** (Jun '13 – Feb '14) - Conceptualized and developed light weight, search engine optimized, completely REST API based portal that allows users perform real time full text and Boolean searches to search and browse profiles, research opportunities, projects, courses, etc. [Elastic Search| Zend Framework | Twitter Bootstrap | S.E.O]
- **Greencart.in** (July '12 – Oct '12) - Developed an E-commerce application that introduced online grocery shopping in Mumbai. The application revolutionized grocery shopping by allowing users to browse through products, order online for "6 days in 6 minutes". [CodeIgnitor Framework | MySQL | JQuery | YSlow | S.E.O]
- **Women At Work** (Sep 14 – Dec '14) Addressed several issues of a nonprofit organization by redesigning their website with interactive UI, improvised business processes by data centralization and automating the process of report generation, all resulting in an estimated savings of nearly 400+ hours/year for the organization. [PHP | NeonCRM | Twitter Bootstrap].
- **Fatal Fishers** (Jan '15 - Present) – Modelled and created an Android based artificial intelligence 2D fishing game. The game equips user with harpoon gun to use time and agility skills to catch various kinds of fishes possessing artificial intelligence. The game consists of 5 levels and features to upgrade fishing mechanics. [Unity 2D, C#, Android]
- **Feed Mumbai** (HackSC '14 Nov '14 - Present) – Instituted an app aimed to donate left over food. The app allows restaurants, caterers or individuals to make a request to donate food. Surveyed over 1,900 restaurants in Mumbai to determine their willingness to donate food and received 80% positive reply. [CodeIgnitor | MySQL | Google Maps API]
- **Unified Code Count** (Aug '14 – Dec '14) – Involved in directed research with Prof Barry Boehm. Debugged and fixed high priority bugs reported by active users of UCC, a comprehensive code complexity calculator. [C,C++]