Nitish Goel

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Educational Qualification

B.E. (Information Technology) — 53.01%   *2012*
MIT College of Engineering, Pune University

XII, AISSCE — 71.6%   *2008*
Delhi Public School, CBSE Board, Delhi

Professional Experience

Sparsha Learning Technologies, http://www.sparsha-learning.com   *Feb '13 - Till date*

DoCircuits http://www.docircuits.com, an online circuit simulator helping students/users to build and analyse electronic circuits

- integrated payment gateways (Paypal, EBS)
- refactored code related to existing pricing schemes, www.docircuits.com/pricing
- developed a referral feature, wherein user's license gets automatically extended, provided the referred user created an account
- implemented a tagging feature in circuits, for search engine optimization of the site
- part of the core R&D team that developed a beta Windows 8 tablet application
    - planned and conceptualized the structure including user experience
    - handled simulation data, managed different electronic component properties

Coderipe http://www.coderipe.com, a virtual lab for learning programming languages on the cloud

- developed the licensing feature single-handedly
- developed APIs for third-party integration
- took care of the needed front-end designing

Consulting Experience

Prekium   *Dec 12 - Jan 13*
Developed a web platform for the client, which had features such as multiple products search, display search results on a google map, proximity feature to view local businesses. [Drupal]

Projects

Visual Cryptography for Server Authentication   *June'11 - June '12*
Developed a website, that implemented a sub-domain of Secret Sharing(Naor and Shamirs(k,n) threshold scheme) which involved breaking an image into n number of shares such that k shares are required to rebuild the original image to authenticate a server. [MATLAB, Java, HTML, CSS]

RSS News Feed Aaggregator   *Jan '13*
https://github.com/nitish29/rss_news_feed_aggregator
Developed a RSS feed aggregator, which plugged into RSS news feeds from all over the web, parsed those feeds and generated a webcast according to users need. [PHP,HTML,SQLite]

Technical Skills

Languages: PHP, Javascript, HTML, hands-on knowledge in Java, C **Tools:** Android SDK, Eclipse, Aptana, Sublime Text, Vi editor, **Databases:** MySQL, **Content management system:** Drupal, **Web application framework:** Yii, **Front-end framework:** AngularJS, Bootstrap, EaselJS, **Operating systems:** Linux (Ubuntu)

Others

- Mentored two college students for developing an android application, which allowed observation of constantly varying signal voltages without any oscilloscope.