

# Dwaraka Nath

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<https://www.dwarak.in>

## Education

- **Birla Institute of Technology and Science** Pilani, India  
*Master of Engineering in Software Systems; CGPA:8.41* July 2014 – May 2016 (expected)
- **SSN College of Engineering** Chennai, India  
*Bachelor of Engineering in ECE; CGPA:7.59* August 2009 – May 2013
- **DAV Boys Senior Secondary School** Chennai, India  
*AISSE; Percentage:94.2* May 2009

## Experience

- **Lister Technologies** Chennai, India  
*Software Engineer* July 2013 – July 2014
  - Web Development - Managing the organization's entire website stack
  - Product - Worked on a eCommerce product's UI
  - A Rails project for a US based client
- **OrangeScape** Chennai, India  
*Engineering Intern* May 2015 – July 2015
  - Developed a module to crowdsource language translations from users

## Skills

**Technologies:** C/C++ and a pinch of Ruby and Java

**Web:** HTML, CSS, JavaScript/jQuery

**Environment:** Windows, Linux, bash, git, apache2

## Individual Projects

**SecretShare:** Firefox OS Mobile application to share secrets with Friends. Uses OneTimeSecret API, IndexedDB memory store & HTML/CSS/JavaScript for frontend. Published in Firefox OS Marketplace.

**ComPair:** Used to match your Facebook friends/peers and finds the best pair among the given choices. Built with Rails for backend, Bootstrap for UI and Facebook Graph API for user authentication, fetching data and posting/sharing content over Facebook timelines. **Won the best creative appliation award at RedHat's OpenShift DevConf 2014, Czech Republic**

**Lexico** Responsive web application that uses WebSpeech API. Dictionary powered by Wordnik API

**Fuse** Dropbox like file collaboration framework within a LAN to share files. Used Google Plus API for user authentication, WebRTC for realtime video/audio streaming and chat. Designed the WebUI using HTML/CSS/JavaScript, Java servlets for backend and used MySQL for DB.

**Flames** Simple name game built with servlets

## Academic Projects

**Plugin-free realtime communication via WEBRTC** WebRTC based realtime voice and video communication infrastructure with a web frontend.

**Security Analysis of Bitcoin P2P Transactions** Analysis of Bitcoin P2P Transactions within the scope of user anonymity.

## Certification

**Cisco Certified Network Associate** Completed CCNA during October 2011. CSCO ID CSCO11982736

## Extra-curricular Engagements

**Mozilla Community** Member of Mozilla India community, served as lead for Project News Mozilla.

**Editor, 4Cast** Review and write articles about gadgets and technology

**Web Developer/Designer, NetworkGeek** Developed the site for NetworkGeek training academy