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Technical Skills

Languages	Python, Common Lisp, C, Java, JavaScript	Environment	Unix, Emacs, bash, git, make/cmake, valgrind, nginx
The Web	HTML, CSS, Django, jQuery	Mobile	Android

Work Experience

Apr - Sep 2011 **Google Summer of Code 2011**, *Student Contractor*, Google.

Integrated SMARTS, a Game Artificial Intelligence Framework into KDE Gluon, and also implemented a KPart Graphical User Interface to plug the SMARTS Editor into Gluon.

Jan 2014 onwards **Tenmiles**, *Software Developer*, at core, Happyfox Inc.

Education

2009 - 2013 **B.E. Electrical and Electronics**, *St. Joseph's College of Engineering, Anna University*.
CGPA 7.4/10.0. (Fall 2013 graduate)

2013 **Thesis**, <http://onloop.net/hairyplotter>.
Human-Computer Interface with Electrooculogram-based eye gesture detection and classification.

Open Source Contributions

Jan 2012 onwards **Mozilla**.

- Developed a Code Commenting/Uncommenting feature for the Mozilla Firefox Source Editor.
- Implemented W3C spec restrictions on WebIDL dictionary member types, among other patches.

July 2012 **PySynth**.
Created an interactive Command Line Interpreter to parse Musical Notation and render tunes, aiding in on-the-fly notational composition with PySynth, and also implemented support for audio playback.

Independent Projects

Transit.js, <http://onloop.net/transit>.

A JavaScript library to create purely client-side, interactive transit maps. The Chennai Suburban Rail map was created using transit.js.

Suburl, <http://u.onloop.net>.

A wildcard substitution-based URL Sanitizer/Shortener in Common Lisp.

This.onloop, <http://this.onloop.net>.

Music Search and Album discovery tool, with Common Lisp and Restas.

SC-ircle, <http://soundcloud.onloop.net>.

A Python/jQuery webapp to find out who among a Soundcloud user's followees aren't following them back; well-received by the spam-hit Soundcloud user community.

QuickHist, <http://quickhist.onloop.net>.

An URL-based ASCII Histograms API using Common Lisp, Restas and CL-WHO.

Howstat, <http://redd.it/1i7lh3>.

Resident player-statistics lookup bot for Reddit's Cricket Community, /r/Cricket.

PDoS, <http://music.onloop.net>.

Patterned Disruption of Silence - An exercise in extrapolating algorithmic patterns to musical notes.

Github github.com/pranavrc