

Pranav Ravichandran

Full-stack Engineering — Continuous Delivery — Build Infrastructure — Web Scalability

Sunnyvale, CA ◊ me@onloop.net ◊ <http://onloop.net> ◊ <https://github.com/pranavrc>

Education

University of Florida

Master of Science in Computer Science. GPA: 3.51/4.00

Dec 2016
Gainesville, FL

- **Fitness** A genetic programming system using Common Lisp.
- **Clause** A Common Lisp resolution refutation framework.
- **Tagspace** Web query classification using inter-article relationships in Wikipedia.

Anna University

Bachelor of Engineering in Electrical and Electronics Engineering. GPA: 7.44/10.00

2009-2013
Chennai, India

- **Thesis** Gestural interface with Electrooculogram-based eye gesture detection and classification.

Experience

Yahoo

Software Development Engineer, Developer Platforms and Services

Feb 2017 - Current
Sunnyvale, CA

- Developed new features, build systems and infrastructure for Yahoo's centralized continuous delivery platform.
- Served users on call and offered solutions for technical issues as a Developer Operations engineer.
- Presented a conference talk on iOS mobile build infrastructure at Yahoo's annual Tech Pulse 2017 event.

Yahoo

Software Engineering Intern, Developer Platforms and Services

May - Aug 2016
Sunnyvale, CA

- Implemented new features and services for the Platform As A Service team.
- Worked with the mobile build infrastructure team to design and implement the next generation of iOS build systems and tools.

HappyFox Inc.

Software Developer (Full stack)

Jan 2014 - May 2015
Chennai, India

- Implemented features, enhancements and integrations for HappyFox, HappyFox Chat and related components.
- Created a decoupled REST-based task-server with Celery and RabbitMQ, to handle deferred services.
- Introduced contextual search for knowledge base articles using Latent Semantic Analysis.

Google Summer of Code, Google

Student Developer

Apr - Sep 2011
Remote

- Integrated SMARTS, a game AI library, into KDE Gluon, giving it the capabilities of a Behavior Tree system.
- Developed a KPart GUI to plug the SMARTS Behavior Tree editor into Gluon.

Open Source Work

Mozilla Firefox

Developed a code commenting and uncommenting feature for Mozilla Firefox developer tools, implemented W3C spec restrictions on WebIDL dictionary member types, and contributed other patches and fixes.

2012-2013

PySynth

Authored an interactive Command Line Interpreter to parse Musical Notation and render tunes on the fly, implemented multi-library support for audio playback, among other patches.

July 2012

Independent Projects @ <https://github.com/pranavrc>
