Pranav Ravichandran

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

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Education

University of Florida   Dec 2016
Master of Science in Computer Science. GPA: 3.51/4.00   *Gainesville, FL*

Anna University   2009-2013
Bachelor of Engineering in Electrical and Electronics Engineering. GPA: 7.44/10.00   *Chennai, India*

Experience

LinkedIn   May 2019 - Current
Senior Software Engineer, Test Experience   *Sunnyvale, CA*

· Played a key role in developing solutions for record-replay based regression testing within LinkedIn, and led frontend development for Epsilon, LinkedIn's record-replay test service.
· Drove adoption, community outreach and presentations for Epsilon, onboarding as much as 40 key teams into the ecosystem within half a year.
· Led the revamp of the live-testing space within LinkedIn, spearheading the overhaul and improvement of existing services and infrastructure.

Yahoo   Feb 2017 - May 2019
Software Development Engineer, Developer Platforms and Services   *Sunnyvale, CA*

· Developed new features, build systems and infrastructure for Yahoo's centralized continuous delivery platform.
· Played a key role in the development and adoption of Screwdriver, an open source continuous delivery system.
· Presented a conference talk on iOS mobile build infrastructure at Yahoo's annual Tech Pulse 2017 event.

Yahoo   May - Aug 2016
Software Engineering Intern, Developer Platforms and Services   *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.   Jan 2014 - May 2015
Software Developer (Full stack)   *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   Apr - Sep 2011
Student Developer   *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 & Independent Projects @ https://github.com/pranavrc

Mozilla Firefox   2012-2013

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.

PySynth   July 2012

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.