

Prashanth Iyer

Contact Information

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Bio

```
{  
  rant: [NodeJS, ECMAScript, Functional Programming, Generator awesomeness],  
  me: [passionate programmer, love design patterns, Himalayan hiker],  
}
```

Education

B.Tech Information Technology, Anna University, India. (June 2003 - Nov 2007)

Skills

- **Languages:** JavaScript, Python.
- **Database:** MySQL, CouchDB, PostgreSQL.
- **Web Frameworks:** Django, Express.
- **DevOps:** Docker, Ansible, Kubernetes, Gulp, Browserify.
- **Web:** HTML5, CSS3, WebSockets, Web Components, Polymer, React, Lodash.

Employment

Mobius Justice, co-founder (June 2016 - April 2017)

Mobius is a Outcomes Driven Platform that provides the department of probation with insights into the performance of their client population (google analytics for juvenile probation system).

- The platform was built on Gitlab, GCP, Kubernetes, Docker, NodeJS, PostgreSQL, and React..
- Built unit testing framework for database queries; a system that can generate sample dataset, create sandbox environment, and test SQL.
- Implemented a library to write queries with [Function composition](#).

Search, Yahoo Inc., Software Dev Eng, Sr. (December 2015 - current)

I am part of the search Mobile SDK team; my role is to syndicate some of the search data to the partner network.

- Scaled the API to 4000 QPS.
- Built fraud detection system that prevented keywords abuse and improved revenue.
- Redesigned the system to use docker container, which can scale based on the traffic.

YSB, Yahoo Inc., Software Dev Eng, Sr. (November 2013 - November 2015)

- Rewrote the legacy stack with NodeJS, made the application device friendly.
- Built A/B testing infrastructure, analytics platform, and continuous deployment.
- Reduced development cycle from weeks to hours.
- Ported clumsy deployment into single click deployment model.
- Rebuilt the payments system with Zuora.
- Migrated from Y's infrastructure to AWS.

Flickr, Yahoo Inc., Lead Engineer, San Francisco, CA. (April 2013 - Oct 2013)

Webhosting, Yahoo Inc., Lead Engineer, Bangalore, India (July 2010 - March 2013)

I started as Sr.Software Engineer, in a year time moved to a lead role.

- Re-architected the old PHP stack to NodeJS.
- Build Template testing framework which reduced the testing cost by one-third.
- Introduced Frontend best practices, TDD and BDD.

Sportxiom Ventures, Web Architect, Hyderabad, India 2009 - 2010

As a Web Architect, I was responsible for building a real-time sports application in Python, Django, and JavaScript.

Info Edge, Senior Software Engineer, Noida, India 2008 - 2009

Cleartrip, Graduate Engineer, Mumbai, India 2007 - 2008

Cleartrip is an online travel company providing online booking services for flights and train tickets. I was a part of air search team; I learned Lisp, Web Development, and Functional Programming.

Awards

- 'The Quality Champ' for the Q2 - 2011 at Yahoo Inc.
- 'Best Project Award' for 2007, Kongu Engineering College, India.