

**Summary** Fullstack developer with over five years of experience. Experienced with Node.js in production and with Python, Ruby, Haskell on personal projects. Have experience with front-end frameworks such as React, Backbone.js with mustache. Have deployed to services like AWS (EC2, Route 53), DigitalOcean, OpenShift and Heroku.

**Work Experience** **Sr. Software Engineer** Orbitz Worldwide  
March, 2015 - current Bangalore, Karnataka

- Currently revamping one of our older products from the ground up to work across devices
  - Involves translating product goals and UX ideas/mocks into fully responsive user interfaces
  - Integrating the new UI with a new service provider
- Lead the UI community of practice at the Bangalore office
- Helping newer UI engineers ramp up quickly on the primary codebase

**Participant** Recurse Center  
March, 2015 - July, 2015 New York, NY

- Built an interpreted programming language called [moks](#)
- Built [lazit](#) which is a JavaScript library that lets you compose generators/iterators using higher order functions while staying fully lazy
- Built a few Zulip bots like [one](#) that help recursers find others to pair with
- Built a naive version control system named [nvc](#)
- Built a [link shortner](#)
- Paired a ton on different problems and languages (python, haskell, ruby, moks, noor, etc)
- Paired with a fellow recuser on her first full stack application called [scatteredthoughts](#)
- Started with an [article](#) on lazy, composable and modular JavaScript

**Full stack developer** Synup  
June, 2014 - March, 2015 Bangalore, Karnataka

- Built a web socket based push server on RabbitMQ using Node.js and Socket.IO
- Built and open sourced a few JavaScript libraries and apps (available on my [GitHub](#))
- Built a dashboard app using Node.js that is used in house
- Wrote proof of concept for scraping the web using Node.js
- Setup infrastructure on DigitalOcean
- Made the Synup website fully responsive
- Wrote the front end of a live scraping tool used by our customers and second version of the Synup app UI using [React](#) by Facebook
- Wrote a [recursive crawler app](#) that checks every page on a website for schemas from [schema.org](#)
- Handled the Synup rebranding (managed a designer based out of Malaysia)

**Principle UI/UX Engineer** Human Factors Research and Design (HFRnD)  
August, 2013 - April, 2014 Bangalore, Karnataka

- Built JavaScript functionality to support numeral and date localization across the application
- Built prototypes and proofs of concept of features using new frameworks to test their feasibility
- Pushed for a switch from CSS to SASS in the current codebase

**Research Engineer**  
February, 2011 - August, 2013

CSTEP  
Bangalore, Karnataka

*Role: UI/UX Engineer and Game Designer*

- Designed and implemented the UI for a web based game that trains the player in Simple triage and rapid treatment (START)
- Built it to work across devices and resolutions without the use of media queries
- Helped design the game rules

*Role: UI/UX Engineer*

- Designed and implemented the UI for a web based serious game aimed to capture and understand communication patterns between officials during an emergency
- Designed and implemented the database structure in PostgreSQL

*Role: PHP programmer*

- Customized *Ushahidi*, a well known crowdsourcing platform
- Added custom fields and validations in the views and controllers
- Added new columns to existing tables and created new tables to handle new functionalities (MySQL)
- Modified controllers and models enabling pre-existing Ushahidi code to communicate with the new tables in a seamless manner

*Role: Java programmer*

- Helped design the software architecture
- Wrote the login module (in POJO)
- Co-authored a paper on this project

*Role: Cryengine 3 Programmer*

- Implemented actions in the levels using proximity triggers

**System Engineer**  
August, 2010 - February, 2011

Infosys  
Mysore, Karnataka

- Built the Course Allocation module of a Course Management System. Wrote it in PL/SQL
- Built the UI for an online retail order management system
- Built the inventory management module for the retail system in Java
- Trained in Finacle™ customization that is done using JSP/JSF and a custom DSL

## Education

**Bachelor of Engineering, Computer Science and Engineering**  
*Visvesvaraya Technological University*

Class of 2010

## Skills

### Languages

JavaScript (server & client), HTML, CSS, a smidge of Haskell, Python & Ruby

### Databases

MySQL, MongoDB, PostgreSQL

### Version Management

git, SVN

### OS

OS X, UNIX/LINUX, Windows

### Testing tools

Mocha, Mocha-Phantomjs, Jasmine, shouldjs, Chai, Sinon, Zombiejs, Siege