

Harsha Ivaturi

Front End Engineer

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Summary

I'm a Front End Engineer with an experience of over 8 years in web development. I'm passionate about creating a web that is accessible to all and love exploring the latest web technologies.

KEY SKILLS

CORE WEB TECHNOLOGIES

ES2016, HTML(5), CSS(3), Browser and DOM APIs

JAVASCRIPT FRAMEWORKS AND LIBRARIES

React and React Ecosystem, Backbone, Angular, Ramda, Lodash, and jQuery

OTHER WEB TECHNOLOGIES

Babel, ESLint, FlowType, SASS, LESS, CSS modules

Test frameworks

Karma, Jest, Mocha, Chai, Sinon, Jasmine, and RSpec

BUNDLERS AND TASK MANAGERS

Webpack, Gulp, Grunt, and NPM

SERVER SIDE

Ruby on Rails, Node.js, and GraphQL

HAVE ALSO WORKED WITH

Elm, Objective C, Java, and .Net

PROFESSIONAL EXPERIENCE

ATLASSIAN, Sydney

Feb '18–Present

Tech Stack — [Javascript](#), [React](#), [Webpack](#)

- Worked on implementing new navigation in Jira
- Implemented the [Global Navigation](#) component in Atlaskit

GRAB, Singapore

Mar '16–Dec '17

Tech Stack — [React](#), [Redux](#), [Webpack](#), [Ruby on Rails](#), [GraphQL](#), [Apollo](#), [Redis](#), [MySQL](#)

- Worked full-stack on Gamma — a business critical internal tool, used to manage operations at Grab.
- Worked full-stack on [Hub](#) — a self serving portal targetting Passengers and Business to help manage their rides.
- Setup modular React component library to unify the UI for all of Grab's Web apps
- Monitor and fine tune performance of applications, assess and fix critical security vulnerabilities
- Promote Agile practices to help efficient product delivery

XENEX, ThoughtWorks, Gurgaon

Jul '15–Feb'16

Tech Stack — [Angular](#), [CoffeeScript](#), [Bootstrap](#), [LESS](#), [Java](#)

- Integration with existing portal using iFrames and postmessage
- Ensure performance of Angular grid on a data heavy form
- UX inputs and paper prototyping
- Setup atomic design and mobile first CSS

MINISTRY OF MANPOWER, ThoughtWorks, Singapore

Aug '14–Apr'15

Tech Stack — [Angular](#), [Sass](#), [Bourbon](#), [Neat](#), [RoR](#)

- Styleguide driven development to quick UI prototyping and consistency
- Mobile first and Progressive enhancement
- Setup front end architecture
- Accessibility

INDIGO AIRLINES, ThoughtWorks, Gurgaon

Apr '14–Aug '14

Tech Stack — [iOS SDK](#), [NodeJS](#) and [Express](#)

- Setup NodeJS API server
- iOS development with TDD
- UX and interaction design of the app

Tech Stack — [CanJS](#), [CoffeeScript](#), [LocalStorage](#) and [Appcache](#), [LESS](#) [Bootstrap](#), [RoR](#)

- Mobile web app development
- Offline support for mobile web app
- Setup front end architecture
- Object oriented JS with modules for backend app

IBA DIGITAL, ThoughtWorks, Gurgaon

Aug '12–Feb '13

Tech Stack — [Backbone.js](#), [jQuery](#), [Sass](#), [Slim/Haml](#), [RoR](#)

- Semantic HTML
- Cross browser compatibility
- Front end best practices for nifty performance

[TALENT MANAGEMENT SYSTEM](#), PeopleFluent, Bangalore

Aug '10 – Feb '12

Tech Stack — [jQuery](#), [jQuery Mobile](#), [Java](#), [Spring MVC](#)

- Mobile Web app for facilitating feedback using [jQuery Mobile](#)
- UA sniffing to detect mobile devices
- HTML5 form validation

TECHNIQUES

- Agile development practices
- Continuous delivery
- Test driven development
- Progressive enhancement
- Atomic design and BEM pattern
- Style guide driven development
- Mobile first

PERSONAL PROJECTS

[CONVERTER PLUGIN](#) FOR [CEREBRO](#)

Tech Stack — [ES2016](#), [Ramda](#), [Mocha](#), [Chai](#), [Sinon](#), and [Flow type](#)

- Works offline by caching exchange rates in local storage
- Functional programming practices like function composition, point free programming and pure functions
- Flow type to implement static type checking

[DICEWARE PASSWORD GENERATOR](#)

Tech Stack—[Javascript](#) and [Webcrypto Api](#), [Diceware word lists](#)

- Implementation of diceware password generator
- Support for various languages
- Support for extra security by adding special characters

[POLAR CLOCK CANVAS](#)

Tech Stack—[Javascript](#) and [Canvas API](#)

- Based on idea by [PixelBreaker](#)
- Adapts to screen size

EDUCATION

Bachelor of Engineering in Computer Sciences in 2010

OTHER INTERESTS RELATED TO WEB

Function programming

Accessibility and Universal design

Web security and performance

Typography

Interaction design