Harsha Ivaturi

Front End Engineer

https://harshai.io/

MAIL
harsha.ivaturi@yahoo.co.in

SKYPE
harsha.ivaturi

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

HEALTHCARE AT HOME ThoughtWorks, Gurgaon

Mar '13–Apr '14

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