Vamshi Suram

Resumé

Interests

Application Design & Architecture, Scalable Applications, Distributed & Unit-Tested Development

Experience

Feb'15– present **SDE-I**, CommonFloor, Bangalore.
Responsible for building entire **map based search**, integration of tiles based information to map. Integrated Google Analytics on various interactions. Area Polygons based search results display, state/context switching are core attractions. Worked in isomorphic/universal page rendering. Gave sessions on Javascript, Git, CommonFloor frontend-backend architecture.

April'14– Jan'15 **Software Engineer**, Nineleaps Technology Pvt. Ltd., Bangalore.
NanoBI Analytics (Front-end Web Application): This Angular Application was built using Yeoman generator and customized to the requirements in automated tasks, code modularity, testing, coverage and building production level code. Continuous code development with complete unit testing and reviewing was done.
WWStay (Hybrid - Mobile Application): A mobile angular application built using Ionic framework where users (HNI) can ask for hotel room quotations and book through simple and optimized UX. Care taken on conveying status on placing itinerary requests. Implemented the usage of Github wikis for documenting backend APIs for consistency on APIs information across applications.
TV2-Chess (Backend Application): Created nodejs server that continuously polls for live chess games data. Integrated a third party parser for parsing the game data to different formats that is posted to the main server. Different probability calculations based on Stockfish chess engine (auxiliary servers) scores were carefully handled and saved to Mongo database on the main server. These are consumed by front-end to display winning and losing probabilities of player.

Aug'13– Mar'14 **Software Engineer**, Shippable Inc., Bangalore.
Developed Operations-Dashboard for Shippable using Nodejs for server side scripting and Angularjs for client side execution. Did Continuous Integration and Deployment (**CI & CD**) of source code to our beta server. Familiar with forking, branching, pull requests, issue tracking/closing. Built sample codes on MySql, PgSql, SQLite in Python, and for Neo4j, Cassandra in Ruby for testing services of Shippable system. A sample weather application using Nodejs with implementations of OAuth using Passportjs. It consumes weather data from a third party API and displays to user on successful authentication.

Skills

Technologies	Reactjs, Angularjs, Nodejs, GoogleMaps, Refluxjs, Ionic, Cordova, Git
Testing	Karma, Jasmine, Mocha
Languages	JavaScript, HTML, CSS, JSX
Miscellaneous	Bootstrap, Backbonejs, Docker, D3js, jQuery, Latex, JS build tools (Gulp, Grunt)

Education

2011–13	**M.Tech**, Department of Energy Science and Engineering, IIT Bombay.
2006–10	**B.Tech**, Department of Mechanical Engineering, IIT Madras.

Scholastic Achievements

- Secured AIR 25 in AIEEE-2006 among 4 Lakh applicants
- Secured AIR 555 in IIT JEE -2006 among 4 Lakh applicants

Miscellaneous

News/Updates	Ardent follower of Ycombinator's **Hacker News**
StackExchange	Scores, **520** in http://stackoverflow.com, **108** in http://superuser.com
Science Blog	**http://redefinescience.blogspot.in**, a blog where I write about the science involved in small things we come across daily in our life.

Extracurricular Activities

Hobbies	Lawn Tennis, Table Tennis, Badminton, Cricket, Snooker, Concept Art
Organizing	Involved in organizing events like Shaastra, Saarang, Mechanica at IIT Madras