



Vamshi Suram

Resumé

Experience

April'14– **Software Engineer**, Nineleaps Technology Pvt. Ltd., Bangalore.

present Details of Projects:

NanoBI Analytics (Front-end Web Application)

Technologies: **Angularjs, Yeoman, Gruntjs, Testing(Karma and Jasmine)**

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)

Technologies: **Angularjs, Ionic, Gulp, Testing(Karma and Jasmine)**

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)

Technologies: **Nodejs**

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– **Software Engineer**, Shippable Inc., Bangalore.

Mar'14 Applications/Tasks:

Operations Dashboard

Technologies: **Nodejs, Expressjs, Angularjs, Mongoosejs, Docker, Testing(Karma & Mocha)**

Developed Operations-Dashboard for Shippable using Nodejs for server side scripting and Angularjs for client side execution.

CI & CD

Continuous Integration and Deployment (**CI & CD**) of source code to our beta server.

Development process

Streamlined source code version control using **Git**, and unit testing. Familiar with forking, branching, pull requests, issue tracking/closing.

Build Samples

Built sample codes on MySql, PgSql, SQLite in Python, and for Neo4j, Cassandra in Ruby for testing services of Shippable system.

Sample Apps

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.

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Skills

Technologies MongoDB, Node.js, Express.js, Angular.js, Ionic, Git
Testing Karma, Jasmine, Mocha
Languages JavaScript, HTML, CSS
OS Linux
Miscellaneous Bootstrap, Backbone.js, Docker, D3.js, jQuery, LaTeX

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, **380** in <http://stackoverflow.com>, **103** in <http://superuser.com>
Ideas- <https://github.com/ideasopencourse>, a place where I share my thoughts and ideas
Opensourced on technology/life.
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

Sports Participated in Lawn tennis competition in PG Sports-2011 at IIT Bombay
Organizing Involved in organizing events like Shaastra, Saarang, Mechanica at IIT Madras
Games Participated in Intra-hostel competitions in carroms, table tennis, snooker