Vamshi Suram

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EXPERIENCE

SE-II, Intuit, Bangalore

Started as the only UI engineer and quickly rose to admin of billing pages front-end. Responsible for development, code quality, builds and production releases. Boosted our pages UI to top grade, an indicator of agility to faster releases and adherence to organization's UI standards implementation. Architected and developed robust application, flows involving async calls, with 100% unit test coverages. Handled codebase migration from U.S. to India, hiring and built an awesome UI team, also meticulously on-boarded new joiners from Android team that the end to end process is handled well by them too. Developed faster, non-blocking Accountants page, appreciated in Intuit's blog. Handled multiple critical feature inter dependencies between teams. Key player for transforming billing UI to a platform for supporting multiple segments like TurboTax, QuickBooks, Self-Employed. Implemented Types generation from GraphQL schema and added TypeScript to our tech stack. Onboarded our codebase to **Docker** container system for VM isolation and parallel running abilities. Developed mock data injection framework for faster UI development utilizing API data contracts. Key player in getting codebase to support multiple products' customer segments.

FEB'15 – FEB'16

SE-I, CommonFloor, Bangalore

Built GoogleMaps based widget, which helps users to view real estate properties on Map. The widget integrates Google Maps with React, and also involves glueing Map with data tiles (image with many dots) fetched from our node servers. The widget is loaded with events wired to Google Analytics. Area Polygons based search results display, search-state/context switching are core attractions. Also, worked in isomorphic/universal page rendering for SEO. Gave sessions on Javascript, Git, CommonFloor's architecture.

APRIL'14 – JAN'15

Software Engineer, Nineleaps, Bangalore

Did setup Angular project for Client's Analytics platform with custom automated tasks for bundling and code quality. Built a hotel booking application using Ionic framework, that works across mobile platforms (iOS, Android & Windows). Created a polling server using Node, with 3rd party game data-parser integrated, that conveys chess board status to main server for calculating winning probabilities. Gave sessions on Angular, Unit-Testing.

AUG'13 – MARCH'14

Software Engineer, Shippable Inc., Bangalore

Worked on developing operations dashboard using Node and Angular, with in-depth unit tests. Helped team on build times benchmarking across CI platforms. Wrote build samples for MySql, PgSql, SQLite, Neo4j, Cassandra for testing our CI services.

EDUCATION

2011 – 13	M.Tech, Energy Engineering, IIT Bombay
2006 – 10	B.Tech, Mechanical Engineering, IIT Madras

PERSONAL PROJECTS

Built a sentiment analysis end to end application using Kubernetes, Python, TextBlob, Flask, NodeJs, ReactJs which provides with a sentiment quantifier on any sentence input in UI.

Deployed Jupyter Notebook servers in Intuit's AWS cloud, accessible from anywhere.

Competitions contributor in Kaggle.

Built chrome extension for correcting production-data for a large number of QuickBooks subscribers.

Built a analytics dashboard (Geolytics) that uses Map to explain geographical distribution of customers. Also, worked on helping team to build billing trends for user at Intuit Hackathons.

Proposed and built a POC of Realtors App., a social/corporate platform for Builders for heavy equipment sharing. Also, an effort to support the Realtors with analytics on customers requirements at CommonFloor Hackathon.

Built flappy-bird clone using Ionic and Phaser frameworks.

Used Git to develop and test features directly from our AWS stage servers at CommonFloor, which used to depend on process pipeline with RSync for code updates.

Fast repo setup of Intuit's monolith code using interesting Git hacks.

ACHIEVEMENTS

○ Intuit TechCon-2019 speaker for two talks.
○ Multiple spotlight awards for various key contributions.
○ Star of the Quarter nomination for Q2, FY'17.
○ Winner in Subscription Hackathon - Sept'17
○ Runners up at Hacktober-'16 in CyberSecurity.
○ You have made a difference award from CommonFloor.
○ 650 in StackOverflow, impacted 128k people

TECHNOLOGIES

Scikit-learn, Python, Spark, TensorFlow, Keras, Kubernetes, Docker, AWS, Numpy, Pandas and other visualization tools, Core Java, Scala, Git, Kafka, Hadoop ecosystem, Spring-Boot, JavaScript and related technologies.

CERTIFICATIONS

• Machine Learning, from Coursera by Dr. Andrew Ng.
• Certified Kuberenetes Application Developer (CKAD) by Linux Foundation.
• Python for Data Science and ML Bootcamp, from Udemy.
• Kubernetes Certified Application Developer (CKAD) with Tests, from Udemy.

HOBBIES & FUN FACTS

• To learn and experiment new things.
• An ardent follower of Hacker news, EchoJs.
• Sports and games enthusiast, quite an **ambidextrous** player in some. Favorites are Foosball, Carrom, Cricket, Badminton, Table Tennis, Lawn Tennis.
• Placed 3rd in Archery leaderboard.
• Write on science & tech involved in small things we come across daily in our life on my Blog.
• Productivity master **(Multi-cursor editor expert)** over personalizing code editors, environments.
• **Terminal junkie**. Big fan of Zsh, Vim, and use VIM at command prompt, to modify & re-use earlier commands
• Typemaster - current best 73 words/min