Srivatsan Raghavan

Project Manager and Experienced Software Engineer

Experienced software engineer and former CTO. Seeking new challenges and opportunities for learning and change.

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TECHNICAL SKILLS

Languages	Javascript, Typescript, Golang, C/C++, Erlang, Java	**Devops**	AWS, GCP, Travis, Kubernetes
Data Storage	MongoDB, PostgreSQL, mySQL, Kafka	**PM Tools**	Jira, Asana, Trello
PM Frameworks	Agile, Kanban, Scrum, Waterfall		

WORK EXPERIENCE

Technical Architect
Infosys Ltd

02/2019 – 10/2019   *Sunnyvale, CA*

Client: Cisco Systems - OM/OPL Team rewriting Oracle ERP-based system to modern REST API-based system using Java, SpringBoot, Kafka, and MongoDB

- Developed features for Java-based Order Management system using Java, Kafka and MongoDB
- Managed offshore team of 3 developers
- Wrote REST-based micro-services using Spring Boot
- Used Kafka topics to send messages between some micro-services
- Used avro for JSON schemas of MongoDB documents
- Used docker/kubernetes for development and deployment to AWS-based software cloud

CTO and CoFounder
izi.ai

08/2016 – 12/2018   *San Mateo, CA*

AI-based Meeting assistant to help users manage meeting notes and track meeting agendas.

- Managed team of India-based consultants developing React-based front-end website
- Managed team of Romania-based consultants implementing REST API back-end using Javascript, Node.js and PostgreSQL
- Used Agile/Kanban methodology
- Designed REST API Contracts using JSON Schema
- Integrated with various third-party services using REST APIs including Slack, Asana, Trello, JIRA, and Stripe
- Implemented meeting audio transcription engine using VoiceBase SaaS provider
- Supported 3rd party OAUTH2-based authorization with Facebook, Google, Dropbox and MS Office
- Started designing/implementing Machine Learning text summarization engine using python, TensorFlow/Keras and spaCy

WORK EXPERIENCE

Lead Backend Engineer
6SensorLabs (née NimaSensor)

02/2015 – 06/2016

Enabling people to be their healthiest by giving them the power to know what's in their food.

- Product: Nima, Yelp-like IOS app for people with food allergies
- Created REST API with swagger, Sequelize ORM, Express & Node.js
- Database layout & migrations using SQL DDL and flyway
- AWS deployments & unit testing with AWS Opsworks, Chef & TravisCI
- Geocoding scrapper for restaurant data with Google Maps API
- Geospatial search & recommendation engine with PostGIS

Technical Team Lead - API
Tilt.com

04/2014 – 05/2015   *San Francisco, CA*

Tilt allows users to pool funds for objectives in a simple, social, and friction-less way.

- Project/feature planning & priority estimation with stakeholders
- Oversaw API architecture, design and code reviews
- Co-managed Sprint Planning and execution using an Agile/Kanban framework
- Managed/Mentored team of 8 Junior and Mid-Level Software Engineers

Senior Full Stack Engineer
Tilt.com

02/2013 – 04/2014   *San Francisco, CA*

Tilt allows users to pool funds for objectives in a simple, social, and friction-less way.

- Implemented Payments system using Stripe Marketplaces
- Pushing Notifications with UrbanAirship
- Transactional and targeted marketing emails with BlueHornet
- SMS notifications with Twilio
- Zero downtime database migrations with SQL and sqitch
- Worked on REST API using a Perl, Template Toolkit, jQuery, Postgres stack

Senior Staff Software Engineer
E*Trade Financial

01/2011 – 02/2013   *Menlo Park, CA*

- Market streaming middleware Java, CometD & Javascript
- Real-time market steaming of NYSE and NASDAQ using C/C++, SQL and Perl
- Distributed Option Greeks calculators for NYSE & Nasdaq with Java & ActiveMQ
- Real-time streaming of portfolio analytics with Java Spring and Javascript
- Customer access to portfolio analytics tools with C/C++, Perl and SQL
- Performance analysis of Portfolio analytics services with Java Spring

Senior Software Engineer
Bloomberg L.P.

02/2008 – 10/2010   *NY, NY*

- Index-level trend models using constituent weighted-average with C++ & Javascript
- Implemented automated feature upgrade and service deployment system for use across all Bloomberg IT that worked across AIX, Solaris and Linux
- Managed various Python scripts to download parse and manipulate stock market feed data
- Managed various legacy Fortran programs

EDUCATION

Computer Information Systems
Devry University

2000 – 2003   *Addison, IL*