

BALA SUBRAHMANYAM VARANASI

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SUMMARY

A **Technology Management Professional** with **10+ years** of experience in building software products and teams.

WORK EXPERIENCE

Chief Technology Officer, [Rhymella](#) Inc. (successfully acquired by Zazzle Inc.) from July'21 to September'21

- Laid out the product development strategy and led the product's technical vision from idea to fully functional application which resulted in a successful startup acquisition
- Designed and Implemented an image processing pipeline using AWS Serverless architecture and Amazon Rekognition API which evolved as a B2B product
- Developed and maintained an application using Python/ Django, Redis, PostgreSQL, MongoDB, Angular, and AWS

Lead Full-Stack Software Consultant, [ESPN CricInfo](#), "ESPN DIGITAL MEDIA PVT LTD" India, from Nov'20 to July 2021

- Reverse-Engineered legacy Cricinfo site and rebuilt it from scratch in modern architectures and technologies which served 30 million concurrent users during a live cricket match
- Responsible for developing and maintaining highly scalable applications using Event-driven architectures
- Implemented real-time cricket score updates using VerneMQ, which is a high-performance, distributed MQTT broker
- Developed a Change Data Capture pipeline using Apache Kafka, Debezium, Node.JS, and Redis

Lead Full-Stack Software Consultant, [Proximity Labs](#) Pvt Ltd, India, from Mar'20 to Nov'20

- Built the core team by Interviewing more than 70 candidates for various positions, including Engineering managers
- Guided team development efforts towards successful project delivery
- Maintained high standards of software quality within the team by establishing good practices and habits

Chief Technology Officer, [The Wedding Brigade](#) (Sitara Digital Ventures Pvt Ltd), Mumbai, India - from May'17 to March'20

- Responsible for building innovative products to deliver 3000+ happy weddings
- Accelerated the business growth by leading the product vision and development which resulted in 20x revenue growth over a period of 2.5 years
- Built web and mobile applications from scratch using React, React Native, Python/ Django, Redis, PostgreSQL, and AWS.
Links: [Website](#), [Google Play Store](#), [Apple App Store](#)
- Hired & retained top talent, conducted one-on-ones periodically, and mentored the team

Senior Software Engineer, [CoverFox](#) (Glitterbug Technology Pvt Ltd), Mumbai, India - from Nov'15 to May'17

- Predominantly worked on Car Insurance and Bike Insurance products using Python/Django, Celery, and React
- Implemented Continuous Integration and Continuous Deployment pipeline using Docker, Jenkins, and GitHub hooks
- Managed Software Development cycle through Sprint periodically
- Organized Office hours to fellow software engineers and taught them Python language

Software Engineer, [TinyOwl Technology Pvt Ltd](#), Mumbai, India - from Apr'15 to Nov'15

- Migrated a monolithic Food ordering application written using Ruby on Rails, PostgreSQL, Redis, RabbitMQ, and AWS into various microservices
- Developed and managed inventory management, location management, and notifications management service

Founder, [Firebolt Labs Pvt Ltd](#), Bhimavaram, India - from Aug'14 to Apr'15

- Headed day-to-day operations, as well as handling the company's product and various consulting projects
- Developed a Food ordering application to reduce food wastage and unwanted canteen/mess bills for students in our college area where 25,000 students were present in a 5 km radius
- As a consultant, built StockViews, InvestmentClub, and Sufo applications using Python/Django, Celery, javascript/jQuery, Linode, Ruby on Rails, and AWS

Software Engineer, [Crypsis Technologies Pvt Ltd](#), Hyderabad, India - from Sep'13 to Jul'14

- Developed and maintained various Ruby on Rails applications for clients across the globe
- Implemented two Android apps - "Windows Ambassador" which is a student collaboration app and "Where's My App?" which checks the availability status of apps and games in the Windows Phone Store for Microsoft

Software Development Intern & Software Developer, Agiliq Info Solutions Pvt Ltd, Hyderabad, India - from Dec'11 to Aug'13

- Collaborated with our clients - Sufo, Suggestar, Occassio Health Strategies, TravelDojo, and CineSports who are from various

parts of the world in requirements gathering and product roadmap development.

- Built various full-stack web applications using Python, Django, Celery, JavaScript, jQuery, Linode, and Twitter Bootstrap framework
- Contributed to opensource projects - django-graphs, scikit-learn, joblib, join.agiliq.com, hyderabadwiki and djenofdjango

TECHNICAL SKILLS

Python, Django, TypeScript, ReactJS, Redux, NextJS, NestJS, React Native, Protocol Buffers, gRPC, Ansible, Vagrant, Docker, Kubernetes, Terraform, Apache Kafka, Kafka Connect, Debezium, MySQL, PostgreSQL, Redis, and AWS.

PUBLICATIONS

“Python Requests Essentials” a book that showcases fundamental as well as advanced Python Requests concepts (ISBN-10: 1784395412) (ISBN-13: 978-1784395414)

CERTIFICATIONS

2012 Certificate Course in Psychological Helping Skills, Hyderabad Academy of Psychology, Hyderabad, India

ACADEMIC DETAILS

2012 B.Tech. in Information Technology from Jawaharlal Nehru Technological University, Kakinadam
Technology from Jawaharlal Nehru Technological University, Kakinada