

## BALA SUBRAHMANYAM VARANASI

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Github: <https://github.com/Balu-Varanasi/>

Notice Period: Available immediately

### SUMMARY

Passionate and technical engineering leader with a good record of delivering impactful results. Proficient at using interpersonal abilities to mentor and lead team members to design, develop and implement innovative engineering products. Seeking a position in which I can use my experience and knowledge to elevate my team members and solve real-world problems.

### WORK EXPERIENCE

**Software Consultant, [Riff Analytics](#) ([Esme Learning Solutions](#) Inc)** from December'21 to now

- Developing collaboration tools that provide AI-powered behavioral analytics to improve meeting participant experience and outcomes.

**Chief Technology Officer, [Rhymella](#) Inc. (acqui-hired by Zazzle Inc in August 2021)** 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 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

### PREVIOUS WORK EXPERIENCE

- Lead Full-Stack Software Consultant, [Proximity Labs](#) Pvt Ltd, India, from Mar'20 to Nov'20
- Chief Technology Officer, [The Wedding Brigade](#) (Sitara Digital Ventures Pvt Ltd), Mumbai, India - from May'17 to March'20
- Senior Software Engineer, [Coverfox](#), Glitterbug Technology Pvt Ltd, Mumbai, India - from Nov'15 to May'17
- Software Engineer, TinyOwl Technology Pvt Ltd, Mumbai, India - from Apr'15 to Nov'15
- Founder, Firebolt Labs Pvt Ltd, Bhimavaram, India - from Aug'14 to Apr'15
- Software Engineer, Crypsis Technologies Pvt Ltd, Hyderabad, India - from Sep'13 to Jul'14
- Intern & Software Developer, Agiliq Info Solutions Pvt Ltd, Hyderabad, India - from Dec'11 to Aug'13

### TECHNICAL SKILLS

Python, Django, TypeScript, ReactJS, Redux, Next.JS, Nest.JS, 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, Kakinada