

Summary Of Qualifications

I am a **Senior Software Engineer** with **9+ years** of software development experience. My key achievements are:

- I have developed services those can handle 10k requests/second at Dolby. I also cut down PySpark job processing time by 40% in data platform workflows. In addition, I have built a developer onboarding tool that reduced engineer onboarding time from 5 days to 2-3 hours.
- At TradeByte, I engineered a micro-services based solution for channels that cuts down product fetch time by 70%.

Skills

- *Python, Django*
- *Go, REST API*
- *JavaScript ES6, React.js, Node.js*
- *Terraform, Kubernetes, Amazon Web Services (AWS), Nginx*
- *PostgreSQL, Redis, DynamoDB, Elastic Search*
- *Apache Kafka, Amazon SQS*

Education

Jawaharlal Nehru Technological University (J.N.T.U) – Bachelor of Technology in
Computer Science

2010 – 2014

Experience

Sr. Cloud Software Engineer – Dolby Labs, *San Francisco, USA*

06/2021 – Present

I am currently working in Dolby Media Cloud (DMC) team to enable Dolby to provide next-generation media streaming services to service providers like Curiosity Stream, HBO etc.. I have developed the architecture and code for authentication and configuration services which are capable of handling 10k requests/second. I leveraged multi-level caching to reduce the latency of a public key service by almost 40%. I helped team cutting down the PySpark workflows batch processing time by 27%. Mentored 3 junior developers in the team.

Environment:

- Team size: 10
- No of cross-team relationships: 3
- Major skills used: Python, Go, Terraform, Kubernetes, AWS

Software Developer – Tradebyte Software GmbH, *Ansbach, Germany*

12/2018 – 05/2021

I worked in a project that breaks a legacy monolith SaaS product into micro-services using the AWS cloud. As part of that, I developed an ETL to process millions of products by de-coupling product ingestion and product retrieval. Owned and migrated an infrastructure project from CloudFront to Terraform. Encountered scaling issues with PostgreSQL and Lambdas, but solved them using caching and connection pooling. The result of these micro-services are to cut down channel product fetch time by 70%.

Environment:

- Team size: 4
- No of cross-team relationships: 2

- Major skills used: Python, Django, JavaScript, AWS, PostgreSQL, Redis, Elastic Search

Sr. Software Engineer I – Citrix R&D India Pvt. Ltd, Bengaluru, India

09/2016 – 09/2018

At Citrix, I worked in Software Defined WAN (SD-WAN) team implementing features like Zero Touch Deployment(ZTD) and making bug fixes for SD-WAN Enterprise Edition. I have contributed to a service called Resource Provider, which acts as a bridge between Citrix Cloud and SD-WAN orchestrator.

Environment:

- Team size: 8
- No of cross-team relationships: 3
- Major skills used: Go, Node.js, React.js

Software Engineer – Knowlarity Communications India Pvt. Ltd, Bengaluru, India

05/2015 – 08/2016

I developed 3 software integrations between Knowlarity and third-party CRM software like SugarCRM, LeadSquared, and Salesforce respectively. These integrations are used by many operators to auto-create incoming phone call notifications in CRM. I also worked on a product called "Knowlarity cloud call-center solution" using Django to display live calls on the user interface used by phone operators.

Environment:

- Team size: 6
- No of cross-team relationships: 4
- Major skills used: Python, Django, AWS, JavaScript, Apache Kafka

Software Engineer – Quadloops Technologies, Kochi, India

04/2014 – 03/2015

I developed a framework similar to Scrapy with additional features like pause and play, distributed scraping for web scraping at scale. This framework is used by 5 team members to build efficient web scrapers for multiple projects. Learnt about data de-duplication techniques, and parallel processing. In addition, worked on a Proof-of-Concept of "gamification for companies".

Environment:

- Team size: 3
- No of cross-team relationships: 1
- Major skills used: Python, Flask, AWS

Published Books

Handling REST-ful web services in Go

<https://www.amazon.com/Hands-RESTful-Web-Services-microservices/dp/1838643575>

Certifications

HashiCorp Certified Terraform Associate (HCTA)

Public Link: https://www.credly.com/badges/cee438b6-0251-4d38-a6e9-e2fe47471e46/public_url