

# Tejeshree Dali Venugopal

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## EDUCATION

### California State University - East Bay

San Francisco, CA

*Master of Science in Computer Science*, GPA : 4.0/4.0

December 2023

**Coursework:** Advanced Algorithms, Web Development, Cloud Computing, Operating System Design, Database Systems, Cybersecurity, System Design, Computer Architecture.

### RNS Institute of Technology - VTU

Bengaluru, India

*Bachelor of Engineering, Information Science*

May 2019

**Coursework:** Data Structures and Algorithms, Web Design, Object Oriented Design, Big Data, Database Systems, Machine Learning, Artificial Intelligence, Core Java.

## TECHNICAL SKILLS

**Languages and Libraries:** Java, Python, REST, JavaScript, HTML, CSS, Angular2, SQL, Linux, Shell

**Tools & Technologies:** AWS, Spring Boot, Docker, Microservices, Apache Kafka, Git, Grafana, Splunk, Android, Maven.

**Certifications:** Data Structures and Algorithms (Stanford Online), AWS (Udemy), Software Engineering (CodePath)

## PROFESSIONAL EXPERIENCE

### Audible Inc. (Amazon)

Los Angeles, CA

*Software Development Engineer - Intern*

May 2023- Aug 2023

- Designed and developed features for acx.com to update and manage audio book metadata.
- Engaged in full stack development, created UI and backend RESTful services to validate audiobook related metadata changes on admin portal which reduced on call production incidents.
- Utilized common object-oriented design patterns in the backend to make the code extendible.
- Well versed with Amazon build tools such as brazil-build, coral services, cloud watch and release pipelines.
- Took complete ownership of the feature and was involved in all phases of software development lifecycle such as discovery, design, development, testing and release to production.
- **Technologies - Java, Spring Boot, REST, AWS, PostgreSQL HTML, JavaScript.**

### Accenture

Bengaluru, India

*Software Engineer*

June 2019 – May 2021

- Contributed towards design, development, and maintenance of a real time event driven application to track inventory for Walmart stores and fulfillment centers across Canada. Increased the accuracy of the system to 95%.
- Developed backend REST APIs and microservices that is consumed by inventory management web portals.
- Followed Test driven development and integrated with internal cloud native tools such as Docker and Kubernetes.
- Played a key role in architect, maintain, and streamlining of an end-end continuous delivery pipeline solution to enable one click build deployments.
- **Technologies - Java, Python, Kafka, AWS, Spring Boot, Cassandra.**

### Spectrus Informatics Pvt Ltd

Bengaluru, India

*Full Stack Intern*

Feb 2018 – April 2018

- Developed an interactive UI for an online boutique with functionality to browse and shop items.
- Contributed towards the architecture and development for both frontend and backend aspects of the application.
- Technologies – Angular2, HTML, CSS, JavaScript, and SQL.

## PROJECT WORK

**Invitation System** - Developed an e-invite system to track, register and manage events using HTML, CSS, and JS.

**Online Food Discovery Bot** – Prototyped and built a bot for restaurant and menu recommendations with integrated pickup and delivery services using Machine Learning. Leveraged technologies such as Telegram API, Python, Flask, SQLite3, and IBM Watson.

**Cafeteria Android App** - Created an application for in-store food ordering. Devised features for billing, ordering, tracking, and notifying customers when the order is ready.