

CHANDRASHEKAR GURUCHANNEGOWDA

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Technical Skills

Languages: Java 8/11, Golang, SQL, Python, JavaScript, C#
Frameworks: Spring Boot, React, Angular
Cloud/Databases: AWS, GCP, MySQL, MongoDB, BigTable, BigQuery, Elastic Search
Other: Apache Kafka, Git, Maven, Jenkins, TCP/IP, Docker, Kubernetes, Prometheus, Grafana, Postman

Experience

University of South Florida

Jan 2023 – Dec 2023

Graduate Research Assistant

Tampa, FL

- Pioneered research to revolutionize training for individuals with cognitive disabilities, increasing **knowledge retention by 45%** and **skill acquisition by 55%**
- Architected an **immersive application** to comprehensively analyze training effectiveness, demonstrating a **35% improvement in performance** under diverse workloads, distractions, and job complexities

Zebra Technologies

Jul 2019 – Jul 2022

Software Engineer

Bengaluru, IN

- Designed and implemented robust APIs using **Spring Boot** to facilitate diverse functionalities, **concurrently** contributing to streaming solutions with **Kafka** and leveraging **MongoDB** as the database infrastructure
- Spearheaded the development of a **Multi Tenant** Update Delivery service and moved services to the cloud, resulting in more than **50% cost savings**
- Engineered comprehensive back-end solution with **Java** and **SIP protocol**, achieving **real-time data processing and a 40% reduction in network maintenance costs**
- Integrated **Golden Signal metrics** to enhance system **Observability**, resulting in improved monitoring, faster issue detection, and a 30% reduction in Mean Time To Resolution
- Orchestrated features, fixed bugs, enhanced performance in Event Polling and Publisher with multi-threading

Zebra Technologies

Jan 2019 – Jun 2019

Intern

Bengaluru, IN

- Devised an **android** application for analysing Over the Air (OTA) packages, drastically **reducing** package sanitization time **from 20 minutes to approximately 2 minutes**
- Developed a Power Measurement tool for zebra handheld devices, generating valuable metrics for the battery team and driving software driven enhancements that **optimized battery performance by 15%**

Education

University of South Florida

Aug 2022 – May 2024

Master of Science in Computer Science, GPA: 4.0

Tampa, FL

Visvesvaraya Technological University

Aug 2015 – Jun 2019

Bachelor of Science in Computer Science

Bengaluru, IN

Certifications / Achievements

- Amazon Certified **AWS Developer Associate**
- Garnered multiple recognitions for **Going the Extra Mile** in innovation, cross-team collaboration, and delivering high-impact features

Relevant Projects

🔗 [gh/Chndrashekar](https://github.com/Chndrashekar)

E-Commerce Bookstore

- Reimagined a responsive web application for selling used books, featuring robust inventory, notification, order, and product services
- Utilized **MySQL** and **MongoDB** as data storage, **Apache Kafka** for real-time data streaming and, **Prometheus** and **Grafana** for monitoring
- Dockerized all the components of application and deployed on **EKS** which **increased scalability by 50%**

Rent My E-Bike

- Architected and Engineered a specialized e-bike rental website tailored for university students. Integrated secure authentication and user profiles, allowing students to track their rental history, manage bookings, and get notifications