

Chetan Ranganath

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A results-oriented engineer with a background in Java microservice design, development, and deployment with over two years of experience. Competent in managing services in multiple environment and leading agile teams. A strong desire to take on difficult projects outside of my comfort zone. Looking to take advantage of my technical know-how and leadership abilities in a demanding software engineering position.

Technologies

Languages: Java, Python, SQL, JavaScript ,HTML,CSS, C++ , C

Technologies: Spring, Spring Boot, MongoDB, AWS, FastAPI, Hibernate, GitLab CI/CD, Git, DAST, BlazeMeter, REST, SOAP APIs, Jenkins, Docker, Apache Kafka, Ansible, Oracle SQL

Education

BITS Pilani Work Integrated Learning Programme, M.Tech. Software Engineering January 2025 – Present

Nitte Meenakshi Institute of Technology, B.E in Mechanical Engineering June 2018 – June 2022

- GPA: 8.54/10.0

Experience

Associate Software Engineer, Torry Harris Integrated Solutions – Bangalore,India Nov 2022 – Present

- **Client** : BT Group
- **Role** : Microservice developer.
- Developed and tested multiple Microservice APIs in Java using Spring Boot, consuming **REST/SOAP services** , **databases and Apache Kafka**.
- Led microservices team in **Agile Design Development and Delivery cycle** while working with various squads
- Worked with several E2E designers and consumers to ensure the delivery of high-quality Microservices. Provided feedback on API designs and suggested improvements for enhanced functionality.
- Managed services in dev and test environments by configuring yaml ,monitoring its health on dynatrace ensuring proper and timely deployment .
- Experience in developing **GitLab CI/CD pipelines** as part of shift-left efforts. Developed the **DAST stage** in the pipeline and supported the development **Functional and Non-Functional Stages** as well.
- Supported numerous successful live deployment activities with the L2 support team.

Software Engineering Intern, DXC – Bangalore, India August 2022 – Sept 2022

- Gained a solid understanding of operating systems in cloud environments and networking principles through participation in an intense bootcamp.
- Acquired a solid understanding of cloud computing and AWS services, with an emphasis on real-world uses.
- Enhanced proficiency with Python and JavaScript programming, along with knowledge of SQL and NoSQL.

Personal Projects

E-commerce Backend

- The E-commerce backend was built utilizing Spring Boot, Hibernate and OracleSQL as the DB. Several API's were exposed to interact with the DB.
- Jenkins was used to trigger a CI/CD pipeline, where the code was pulled and built on a Jenkins server hosted on EC2. A JAR file was created and used to build a Docker image with OpenJDK 17 as the base. The image was then pushed to a Docker Hub repository.
- The Docker image was pulled onto an EC2 instance, and the container was started from there. Ansible was used

to setup the environment.

- **Tools Used:** Spring Boot, Hibernate, Oracle SQL EC2 Deployment, AWS S3 Integration , Git, Jenkins, Docker, Ansible

NBA stat tracker

- Developed a microservice to query player stats for a given time period, retrieve best season stats, and compare them to another player. Integrated with RapidAPI to fetch data, returning results in JSON format using an API key for authentication.
- Tools Used: Spring Boot,EC2 Deployment, RapidAPI (NBA API), Git, IntelliJ IDEA,Docker

Certifications

Completed

- Master Microservices with Spring Boot and Spring Cloud -Udemy
- AWS Cloud practitioner Exam Preperation course - AWS
- Python Specialization - Coursera

Ongoing

- AWS Certified Solutions Architect course - Udemy
- 100 Day bootcamp on Front-End development - Udemy
- DevOps Advanced course - Udemy

Awards

Team Excellence award at Torry Harris Integration Solutions for Q3 2023.

Star Performer of the Quarter at Torry Harris Integration Solutions for Q1 2024.

Languages

- English (Fluent: R/W/S)
- Kannada (Fluent: R/W/S)
- Hindi (Fluent: R/W/S)
- Tamil (Speaking only)
- Telugu (Speaking only)