

CHAITANYA SHIMPI

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📁 Portfolio - [Chaitanya Shimpi](#)

TECHNICAL SKILLS

Languages: Java SpringBoot, Core Java, HTML, CSS, Core Javascript

Database: MySQL, MongoDB, PostgreSQL

Frameworks and Libraries: React, Tailwind CSS, Swagger UI

Architectural Style: MVC, REST, RESTful APIs

Developer Tools: AWS, Postman, Git, Github, VS Code, IntelliJ, Spring Tool Suite (STS), Eclipse ide

TECHNICAL EXPERIENCE

System Engineer at Infosys Pvt Ltd. Role - Software Developer

Dec 2022 -Present

Global Hiring Platform APIs Development

Pune, Maharashtra

Tech Stack: Java SpringBoot, MySQL Workbench, Eureka Server, Config Server, API Gateway, JWT Authentication, JPA, Hibernate ORM

- Led the development of a Global Hiring Platform using Spring Boot, providing a seamless experience for job posting, candidate hiring, and global recruitment processes, ensuring seamless integration between front-end (React) and back-end systems for a high-performing, user-centric platform.
- Implemented JWT-based authentication for secure user access, enhancing the platform's security and providing smooth authorization across APIs.
- Designed microservices, utilizing Eureka Server for service discovery, API Gateway for routing, and Config Server for centralized configuration management.
- Optimized JPA queries and database interactions, improving overall system performance and reducing processing times significantly.
- Utilized MySQL Workbench for database design, query optimization, and troubleshooting, ensuring robust data management across multiple services.
- Managed traffic and service load balancing with load balancer to ensure consistent availability and performance under varying loads.

Global Hiring Platform APIs Deployment

May 2023 - Present

Tech Stack: AWS, Aws EC2, S3, IAM, Code Pipeline, Code Deploy, Git

- Working with AWS Identity and Identity Access Management (IAM) to create roles and policies.
- Launched and configured EC2 instances with appropriate security groups, VPC, and key pairs.
- Configured S3 bucket policies and lifecycle rules for data management and cost optimization.
- Migrated source code repositories to AWS CodeCommit for secure and scalable version control.
- Used Microservices architecture, with SpringBoot based services interacting through a combination of REST and SpringBoot.
- Configured CodeBuild projects to automate builds for Spring Boot applications.
- Deployed Spring Boot microservices to EC2 instances and Lambda functions using CodeDeploy.
- Set up CodePipeline for orchestrating CI/CD workflows using CodeCommit, CodeBuild, and CodeDeploy.

Frontend Integration with React and Axios

May 2023 - Present

Tech Stack: React Axios

- Used Axios in React to establish communication between the frontend and backend microservices.
- Implemented basic GET and POST requests for retrieving and sending data, ensuring seamless API interaction.
- Connected frontend components to backend endpoints for key features like job postings and user authentication.
- Handled API responses and displayed dynamic data on the UI for a better user experience.

PROJECTS

Backend - Blog Application [↗](#) | Java Spring Boot, JWT, JPA, MySQL, Swagger UI

2023-24

- JWT Authorizations - Role Based: JWT (Json Web Token) for secure, role-based authorization, ensuring only authenticated users with specific roles can access certain endpoints
- Used Relational Mapping to handle the relationships between different entities in your database, likely using JPA (Java Persistence API) or Hibernate.
- I have added Pagination and Sorting functionalities to manage large datasets efficiently and improve user experience.
- Integrated Swagger UI to document RESTful APIs, making it easier for developers to understand and test your API endpoints.
- Set up a Global Exception Handler to manage and respond to errors consistently across your application, enhancing its robustness.
- Implemented validations ensures that the data entering your system is correct and meets the required criteria, maintaining data integrity.

Delivery Location Update Tracker (using Apache Kafka) [↗](#) | Kafka, Spring, Event-Driven Architecture

- Designed and developed Kafka topics using the builder method to ensure optimal partitioning and data flow.
- Configured Kafka bootstrap servers for producer and consumer applications, ensuring seamless communication between microservices.
- Utilized custom deserialization for efficient data processing and ensured type safety during message consumption.
- Leveraged KafkaTemplate for producing messages to Kafka topics, ensuring reliable delivery of location updates.
- Created a new end-user microservice subscribing to the delivery microservice, leveraging @KafkaListener to consume real-time location updates.
- Adopted an event-driven architecture to track delivery personnel's location updates in real time, ensuring scalability and fault tolerance.
- Ensured data consistency and smooth event flow by optimizing Kafka topic configurations for streaming high-frequency updates.

CERTIFICATIONS

- Building microservices with Spring Boot and Spring Cloud
- Web Development - The Complete Course
- External Certification - Microsoft Azure 900
- Artificial Intelligence and Future of Content
- TCS Ion - Young Professional

EDUCATION

SSBT COET Bambhori, Jalgaon

Bachelor of engineering - Mechanical Engineering - CGPA - 9.0

2018 – 2022

Jalgaon, Maharashtra

Moolji Jaitha College

Higher Secondary Education - 74.31%

July 2016 – July 2018

Jalgaon, Maharashtra

New English Medium School

Secondary Education - 87.40%

Jalgaon, Maharashtra