Atul Gaurav

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Strong in design and integration with intuitive problem-solving skills. Ability to translate business requirements into technical solutions with 2+ years of work exp.

EDUCATION

CDAC Pune, *Diploma in Advanced Computing* | Maharashtra, India GPA: A		Sep 2021
GEC Ramgarh, *B.Tech in Computer Science Engineering* | Jharkhand, India GPA: 9.01 / 10		2017-21
Chinmaya Vidyalaya Bokaro, *Intermediate(PCMB)* | Jharkhand, India GPA: 87%		2014-16
Sacred Heart School Daltonganj, *Matriculation* | Jharkhand, India GPA: 93%		2017-21

EXPERIENCE

TAYLOR & FRANCIS (Tricon Infotech), *Software Development Engineering (SDE)*
Bangalore, India

October 2021 - Present

- Designed and implemented high-performance microservices tailored to handle the unique requirements of **Taylor and Francis's B2C and B2B customers**. These microservices consistently maintained a throughput of **1000 transactions per second (TPS)** and demonstrated **scalability to handle over 5000 TPS during peak sales periods.**
- Implemented a **configurable cart, checkout and order management microservices** across the Informa Publishing Group, enabling seamless API integration for diverse channels. This scalable solution **led to a 30% increase in revenue diversification**, enhancing the group's competitive edge in the education industry.
- Implemented **automated deployment pipelines** to streamline the release process, enabling rapid deployment of new features to the market which significantly **reduced time-to-market for new features**, allowing the business to respond quickly to market demands and gain a competitive edge.
- Successfully executed a seamless **data migration of 30 million user records** from the **existing Routledge B2C platform** to our configurable cart & checkout microservice focused **Postgres relational database**. Further did robust data reconciliation processes to guarantee the accuracy and consistency of the migrated data.
- Implemented **data pipeline architectures** for real-time data ingestion and processing. This initiative enabled the company to capture, process, and analyze vast amounts of data in real-time, including **studying customer behavior, preferences, and purchasing patterns**.
- **Utilized an Enterprise Service Bus** (ESB) to **migrate legacy services to REST-based services**, preemptively addressing potential risks associated with the aging infrastructure.

SKILLS

Technical Proficiencies	Distributed Systems Design, Microservice Architecture, Enterprise Service Bus, DSA
Languages	JavaSE, JavaEE, Javascript, Dataweave
ORM's & Frameworks	Spring, Spring Boot, Spring Data JPA, Hibernate
Cloud Platforms	Amazon Web Services(EC2,ECS,ECR,SQS,SNS,EKS), Cloudhub(Mulesoft)
Tools	Liquibase, Docker, Kubernetes, Mulesoft, Git, Apache Camel, Github Actions
Others	Linux OS, JIRA, Postman, IDE's (Intellij, VS Code)
Certifications	Liquibase Fundamental – (2022) | MCD Level-1 – (2022) | MCIA – (2023) | Salesforce Certified Associate – (2023) |

PROJECTS

Cloud-Based Employee Management System

- EMS application maintains the information about the personal and official details of the employees. The application is made considering Serverless architecture in place.Java JDBC was used as a connecting technology to AWS Cloud(RDS, API Gateway, lambda function).

E-Hospital

- Hospital management system to manage the day-to-day activities of all the roles associated. The application was made in a loosely coupled architecture facilitating better adaptablity to future technologies.
- Individual functionalities of all the roles were taken into considerations. Used Spring Boot framework(Spring core, data JPA, Java Mail sender), ReactJS, RESTful services, and AWS.

E-Voting Application

- This application would facilitate a proper voting management system. The application was made in a monolithic manner based on the Spring boot framework, Spring Data JPA, JSP, Html, CSS.

News at Glance Web Application

- Single page news web application categorized into daily, weekly, sports, business, etc. section which would update on regular basis. Used free News API and ReactJS(state, props, Router, Axios) as technologies.

Jira Task Closure Automation

- Provided a solution by automating Jira to check the current status of the User Stories and trigger email if the task is InProgress/Open. The utility was created using exposed Jira API.