Ujjwal Gautam

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Software Development Engineer

GitHub: github.com/ujjwal-97
LinkedIn: linkedin.com/in/ujjwal-97

Java developer with extensive experience in designing and optimizing RESTful and Reactive APIs using Spring Boot, Quarkus, and Mutiny. Proficient in cloud technologies like AWS and Kubernetes, and skilled in implementing messaging queues with Apache Kafka. Expertise in automating deployment pipelines using GitHub Actions and Elastic Kubernetes Service, enhancing release efficiency. Strong background in managing both SQL and NoSQL databases. Demonstrated success in modernizing legacy systems and creating real-time data solutions using Change Data Capture (CDC) services.

Skills

Languages	Java, Python, Javascript
Frameworks	Quarkus, Panache, Mutiny, Hibernate, Spring Boot
Databases	MongoDB, IBM DB2, Mysql
Technology	Git, AWS, Kafka, Kubernetes, Docker

Technical Experience

Dassault Systèmes   NOV 2022 — **Present**
Research & Development Specialist   *Pune, Maharastra*

- Contributed to the **Medidata** team, focusing on the development and enhancement of applications for **clinical trials**
- Redesigned the Site Monitoring application using **Quarkus**, **Mutiny**, and **MongoDB** to deliver high-performance **RESTful** and **Reactive APIs**, improving scalability, responsiveness, and functionality for clinical trial site oversight.
- Migrated customer data from the legacy Site Monitoring application to the redesigned platform using **Python**, **SQL**, and **MongoDB**, ensuring seamless onboarding and uninterrupted access for users.
- Automated deployment pipelines by leveraging DevOps practices, utilizing GitHub Actions and **Elastic Kubernetes Service**, resulting in faster and more reliable releases
- Integrated various **AWS** services, including **SQS** and **S3**, into microservices architecture to optimize data processing and storage solutions
- Implemented Apache **Kafka** for real-time data streaming and event-driven architecture
- Developed a **Change Data Capture (CDC)** service, facilitating real-time data replication and integration across multiple services
- Awarded Genius recognition as part of a 3-developer team for exceptional performance in H2 2024
- Nominated for Champion award for individual excellence in H2 2024

Ford Motor Company   SEP 2021 — NOV 2022
Software Development Engineer   *Chennai, Tamilnadu*

- Contributed to the **Ford Credit China team**, developing financial services solutions to support the company's credit operations
- Modernized legacy Java applications by refactoring and migrating to **Spring Boot**, improving maintainability, scalability, and integration with modern systems
- Implemented and maintained batch processing solutions with **Spring Batch**, utilizing schedulers and cron jobs to automate data processing and workflows
- Developed a prototype for a modernized UI using **React** and **Material UI**, enhancing user experience and application responsiveness

Great Software Laboratory   JAN 2021 — JUN 2021
Software Engineer Intern   *Pune, Maharastra*

- Gained hands-on experience with key technologies, including **Python**, **Docker**, **Kubernetes**, and **REST APIs**, building a strong foundation in software development and containerization

Education

Bachelor of Technology - Computer Science and Engineering   AUG 2017 — JUN 2021
Lovely Professional University   *Phagwara, Punjab*
CGPA: 8.55

BSEB - 12th class   JUN 2014 — MAY 2016
Bhup Narayan Singh Siya Niranjan Inter College   *Muzaffarpur, Bihar*
Percentage: 75%

CBSE - 10th class   APR 2013 — MAR 2014
St. Joseph's Sr. Secondary School   *Muzaffarpur, Bihar*
CGPA: 10