Sanket Kamble

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📍 New Paltz, New York   in 1997sanket

○ 1997sanket   ➤ Portfolio

📄 CERTIFICATES

AWS Certified Developer Associate 🔗

🎓 EDUCATION

Master of Science in Computer Science
State University of New York at New Paltz
08/2023 – 11/2024
GPA: 3.55

Postgraduate Diploma in Advanced Computing
Centre for Development of Advanced Computing
02/2020 – 01/2021

Bachelor of Engineering
University of Mumbai
07/2015 – 05/2019

📁 PROJECTS

Chirper 🔗
- Developed a dynamic social media platform named Chirper that enables users to register, log in, and share posts (or "chirps") in real-time.
- Designed an intuitive user interface and implemented robust back-end functionalities ensuring secure data handling and efficient communication between the front and back ends.
- Implemented GitHub Actions for Continuous Integration/Continuous Deployment (CI/CD) to automate deployment processes. Front-end deployed to an S3 bucket while back-end deployed to Elastic Beanstalk on AWS.

Better Reads 🔗
- Designed and implemented a highly scalable Big Data application, storing information on billions of books.
- Utilized the CQRS pattern for responsiveness, employing Cassandra as a distributed database.
- Implemented OAuth with GitHub for an efficient user login experience, eliminating the need for traditional user registration and login patterns.

Hotel Booking and Management System, CDAC project 🔗
- Led the development of a B2C web portal for a hotel chain, employing Angular and Spring Boot Microservices. Features included hotel and room searches, customer booking, billing, staff login (using Spring Security and JWT), cancellation, check-in, and check-out.
- Enhanced response time by asynchronously sending booking IDs and invoices to the Billing service and customer emails.

🧠 SKILLS

- Amazon Web Services (AWS)
- Java
- JavaScript
- Data Structures & Algorithms
- SQL
- Spring Framework
- ReactJS
- Microservice Architecture
- Apache Kafka

💼 PROFESSIONAL EXPERIENCE

Software Engineer
GoldenSource International
09/2021 – 08/2023 | Mumbai, India
- Optimized financial instrument insertions time complexity from cubic to linear by using affective underlying data-structures and fine-tuning database insertions.
- Successfully implemented a wrapper over Standard File Load that gets vendor files using HTTP REST calls, and provided support for both normal and transpose file processing using Java, thus creating a concrete solution to pre-process large data files with 100% consistency.
- Implemented an effective solution for processing securities to work with both Oracle and Postgres databases which exempted from refactoring existing code.
- Implemented various Excel and CSV file-processing logic with extensive use of Java 8 streams and Data structures like Set, Map and Lists.

Associate Developer
Sapiens Technologies
04/2021 – 07/2021 | Remote, India
- Created multiple CRUD actions and ensured proper flow of data between DataManagers, VOs and JDOs.
- Fetching core & reference table data with complex SQL queries and maintenance of the IDIT Database.
- Improved functionalities such as displaying policies, fetching proposal forms from the database, and displaying approximate insurance charges based on age, pre-existing health problems, etc. that serves over 600+ customers in 30 countries.