

JEET BAROT

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TECHNICAL SKILLS

- **Development:** Java, Python, AWS, Spring boot, Hibernate, Flask, Django, Fast Api, Angular, SQL, NoSQL, Redis, Kafka, Rabbit MQ, JavaScript, socket programming.
- **Tools:** Docker, Selenium, Jenkins, JIRA, JMeter, Postman, Kubernetes, Git, GitLab.
- **Cloud (AWS):** EC2, S3, EBS, RDS, Aurora, Lambda, ASG, ALB, API Gateway, CDN, Cloud Watch, ECS, EKS, CodePipeline, IAAC.
- **Others:** TDD, BDD, TestNG, PyTest, Eureka, Hystrix, Rest Assured, Mockito, Mocha, Web Scraping, Swagger.
- **Certifications:** Oracle certified Java Developer (88%), Python3.
- **Soft - Skills:** Quick learner, strong problem-solving, critical thinking, effective in team collaboration, and excellent in verbal and written communication.

PROFESSIONAL EXPERIENCE

Shree Siddhi Services | Software Developer | Remote | ERP, SAAS

June 2023 – Present

- Engineered a web application to optimize story creation in Azure DevOps, reducing backlog grooming and task assignment time by 60%. The solution facilitated direct communication between clients and developers, bypassing traditional intermediaries and enhancing Kanban workflow efficiency.
- Transformed a **monolithic** cottage booking platform into **scalable event-driven microservices**, utilizing Java for core services and Python for notifications and Angular. Implemented **Zookeeper** for basket management, ensuring consistency and reliability. Orchestrated microservices with event broker, achieving a 40% increase in performance.
- **Test Automation:** Led the development of **Java test automation** framework and integrated it into the **AWS codebuild** pipeline; achieving 30% reduction in testing time.
- **Chatbot Development:** Contributed in development of a chatbot using the Llama **LLM**, integrated via **AWS Lambda** to process and respond to FAQs, improving user interaction and providing insightful information.
- Implemented **ERP** management system, **streamlining operations** by 20% and enhancing internal user experiences.

Key Note Capital | Lead Backend Developer | Mumbai, India | Finance

Jan 2023 – June 2023

- Led Fikaa; a women-centric **investment platform** with a scalable, high-availability microservices architecture.
- **Microservices:** Developed Java-based services (User Management, Portfolio Management, Trade Execution, Notifications) and Python-based services (Recommendation Engine, Data Ingestion), RabbitMQ, Kafka.
- **Cloud & Database:** Deployed Dockerized microservices on AWS EKS. Integrated Sentry, X-Ray, and CloudWatch for monitoring and error tracking.
- **Optimized server performance** by offloading tasks to AWS Lambda for event-driven processing, using Aurora DB for CQRS, using in memory cache, CDN routing, using S3 life cycle to reduce cost of storage.
- **Leadership & Teamwork:** mentored junior developers, worked cross-functionally with different teams including QA, DevOps.

Tata Consultancy Services | Full Stack Engineer | Mumbai, India | Manufacturing

April 2021 – Jan 2023

- Worked on a system for customized report generation using **Java, Python & Angular** to improve after-sales process management for an international airline manufacturing client. This system enhanced the understanding of customer buying patterns and partner performance, optimizing supply chain management and business processes.
- **Implemented microservices architecture** using AWS ECS with Eureka for robust availability, reducing downtime and optimizing supply chain management.
- **Optimized database** performance by developing complex SQL queries, implementing stored procedures, and utilizing materialized views on RDS to enhance data retrieval efficiency.

PROJECTS

Observer bot

- Exposed REST APIs to control a Selenium-based web scraper, which monitors web pages for changes using SHA-256. These APIs enabled users to seamlessly start, stop, and adjust scheduling parameters for automated web scraping tasks.

Website for EnergyBae : [link](#)

- Developed a dynamic, interactive website featuring a custom **calculator for a renewable energy solutions** provider, empowering customers to estimate costs and energy efficiency, catalyzing sales growth.

EDUCATION

SIES Nerul, Mumbai Univ, Navi Mumbai | B.Tech – ENTC Engineering | 8.03 SGPA

Aug 2016 – Oct 2020