

Prakhar Srivastava

www.linkedin.com/in/prakhar-srivastava-b14lko
Bangalore, Karnataka, India

Email: prasri510@gmail.com

Mobile: +918090438465

github.com/PraSri

PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience designing and implementing scalable microservices and data management systems.

EXPERIENCE

- **Walmart Global Tech India** Bengaluru, Karnataka, India
Senior Software Engineer Aug 2022 - Present
 - **AdTech Catalog Data Management:** Architected and deployed 5+ **Scala**-based microservices and data pipelines for AdTech catalog data management, processing 1M+ search requests daily over 100M+ products and reducing system latency by 30%
 - **Display Ads Inventory Management:** Major contribution in inventory forecasting APIs powered by **Vespa** search, built on **Spring Boot**, enabling 50+ advertisers to bid efficiently and increased ad revenue by 25% for display ads
- **Paytm** Noida, India
Senior Software Engineer May 2021 - Aug 2022
 - **Recommendation Service:** Architected **Spring Boot** microservice employing **Elasticsearch** enabling 50M+ PayPay users to search and locate nearby stores on Home page
 - **User Wallet Service:** Developed wallet service to support tracking of all the 50M+ users transactions with earned rewards and cashbacks with 99.9% uptime.
 - **Merchant Onboarding:** Developed **Kotlin** based services and schedulers for back office ops to manage 100K+ merchants with 10K+ new merchants monthly and reduced onboarding time by 60%
- **Clearwater Analytics** Noida, India
Software Development Engineer Feb 2020 - May 2021
 - **Portfolio Management:** Enhanced the **Java** based legacy system and contributed in new ETL features improving data processing speed by 45%
- **Qualitest** Noida, India
Software Engineer Jun 2018 - Feb 2020
 - **US based News Website:** Enhanced system stability by developing automation scripts using Java, reducing regression testing time by 50% achieving test coverage of 95% and improving deployment frequencies

PROJECTS

- **AdTech Catalog Services:** **Scala**-based microservices powered by **ElasticSearch**, under Data Management System for **Walmart AdTech Org** enabling 100K+ advertisers and sellers to create 10K+ monthly display ads campaign on targeted audience of 100M+ Walmart website users.
- **AdTech Inventory Management System:** **Java**-based microservice, powered by **Vespa** search engine, to manage and optimize ads inventory available for 10K+ advertisers to buy ad space to display ads on **Walmart E-com** website based on forecasting on historical data with 99.9% uptime
- **PayPay Stamp Card Application:** Loyalty Points System for **Paytm's** Japan venture PayPay, built by highly scalable **Java** and **Kotlin** based microservices, employing **Kafka** and **AWS DynamoDb** to process and store 10M+ of transactions monthly.
- **Data Reconciliation Tool:** **Java** based internal system of **ETLs**, used by ops team and portfolio managers of **Clearwater Analytics** to reconcile financial data for 100+ clients globally.

SKILLS

- **Languages :** Java, Scala, Kotlin, C++, Python, SQL
- **Frameworks :** Spring Boot, Play, Akka, Apache Spark, Kafka, Swagger, Junit
- **Databases :** MySQL, DynamoDB, Elasticsearch, Solr, Apache Hive, Presto, Vespa
- **Tools/Cloud :** GCP, AWS, Docker, Kubernetes, Git, Jenkins, Airflow, Redis, Jmeter, Maven, Gradle, Postman

EDUCATION

- **JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA** Noida, India
B.Tech CSE; GPA: 8.2/10 Aug. 2014 - July. 2018