

Prakhar Srivastava

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EXPERIENCE

- **Walmart Global Tech India** Bengaluru, Karnataka, India
Senior Software Engineer Aug 2022 - Present
 - **AdTech Catalog Data Management:** Designed and implemented **Scala** based microservices and data pipelines, collaborated with cross-functional teams to integrate it with existing platforms
 - **Display Ads Inventory Management:** Major contribution in inventory forecasting APIs powered by **Vespa** search, built on **Spring Boot**, enabling advertisers to bid efficiently on ad space to display ads
- **Paytm** Noida, India
Senior Software Engineer May 2021 - Aug 2022
 - **Recommendation Service:** Architected Spring Boot microservice employing ElasticSearch for home page of PayPay to enable millions of users to search and locate nearby stores
 - **User Wallet Service:** Developed wallet service support millions of user base, to keep track of each user's transaction and earned rewards and cashback.
 - **Stores Transactions Management:** Developed **Kotlin** based services and schedulers for back office ops to manage merchants onboarding and maintaining applicable stores transactions
- **Clearwater Analytics** Noida, India
Software Development Engineer Feb 2020 - May 2021
 - **Portfolio Management:** Understood the **Java** based legacy system and contributed in new features development for ETLs and services for financial data management
- **Qualitest** Noida, India
Software Engineer Jun 2018 - Feb 2020
 - **US based News Website:** Gained understanding of existing system implemented in **JAVA** and javascript and developed new features along with automation scripts to minimize regression impact

PROJECTS

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

SKILLS

- **Languages :** JAVA, Scala, Kotlin, C++, Python, SQL
- **Frameworks/Libraries :** Spring Boot, Play, Akka, Apache Spark, Swagger, Junit, Jmeter
- **Databases/Indexes :** Mysql, DynamoDb, ElasticSearch, Solr, Apache Hive, Presto, Vespa
- **Technologies :** Microservices, Kafka, Redis, GCP, Docker, Kubernetes, Git, CI/CD pipelines, Airflow

EDUCATION

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