RAKSHITA BATTINA

Full Stack Developer

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LinkedIn | **GitHub** | **Website**

SUMMARY

Full Stack Developer with 3 years of experience building cloud-based applications on Google Cloud Platform. I work with Java, Python, and SQL to develop backend systems, modernize legacy apps, and streamline data workflows. Experienced with GCP, databases, API integration, and Agile delivery. Expertise includes GCP services, database management, foundational AI/ML, end-to-end development, and Agile methodologies.

SKILLS

• **Languages:** Java, Python, SQL, JavaScript

•**Cloud & Big Data:** GCP, Azure, Spark, Kafka, Hadoop

•**Databases:** MySQL, MongoDB, BigQuery

•**Frameworks:** Spring Boot, Angular, REST APIs

•**Tools:** Jenkins, Docker, Kubernetes

•**Testing & Monitoring:** JUnit, Mockito, Data Validation, Kibana, Elasticsearch

PROFESSIONAL EXPERIENCE

FreddieMac   **McLean, VA**
Full Stack Developer   **Aug 2022 – Jan 2025**

- **Achieved $4M in annual savings** by helping replace legacy WebMethods with a **GCP-based microservices** architecture.
- **Re-engineered data integration** workflows, enabling a smooth shift from **monolithic to scalable services** under tight deadlines.
- **Built and tested backend systems** using **Java**, **JUnit**, and **Mockito**, reaching **90%+ code coverage**.
- Streamlined **CI/CD pipelines** with **Jenkins**, improving deployment speed by **~30%**.
- Used **Apache Kafka** for real-time streaming and **Kibana/Elasticsearch** for **monitoring and debugging** data flows.
- Cut production issues by **15%** through **code reviews** and ensuring strong **data integrity**.
- Improved delivery speed by **20%** through **Agile practices** and daily **SCRUM meetings**.
- **Mentored 3 developers**, increasing team efficiency and speeding up onboarding by sharing **cloud and tooling expertise**.

Prodits Inc   **Chantilly, VA**
Software Engineer Trainee   **Jan 2022 - June 2022**

- **Built sample data pipelines and ETL workflows** using GCP services, processing up to **10M+ records** for training simulations
- **Assisted in designing cloud architecture** to **migrate applications** from **on-prem and AWS** to **GCP**
- Contributed to a **20% reduction in migration planning time** by streamlining documentation and service comparisons.

PROJECTS

- **Gcp-backed URL shortener with Analytics:**Built a cloud-native URL shortener on **GCP** with real-time click tracking. Achieved **95% uptime** and **reduced redirection latency by 40%** using optimized queries and lightweight endpoints. Tested with **85%+ JUnit coverage** and deployed via **Maven**.

  Skills: Java, SQL, GCP, Git, Maven, JUnit, Angular

- **Microservice based user management system with OAuth2/JWT:** Developed a microservice-based user system with secure authentication using **OAuth2/JWT**. Scaled to **support 10,000+ concurrent users** with **zero auth failures** during load testing. Containerized using **Docker**, deployed on **Kubernetes**, and monitored via **Kibana**.

  Skills: Java, RESTful APIs, MySQL, Docker, Kubernetes, Maven, Jenkins, Kibana

- **Real Time Fraud Detection System:** Created a fraud detection engine using **Kafka** and **Spark**, detecting anomalies in under **5 seconds** per transaction. Reduced false positives by **22%** through advanced rule tuning.

  Skills: Java, Spark, Kafka, MongoDB, Jenkins, Kibana

EDUCATION

Bachelor of Science in   **Aug 2017 – Dec 2021**
Computer Science
George Mason University | Fairfax, VA

CERTIFICATES

Google Professional Data Engineer | July 2022

Microsoft Azure Fundamentals | November 2022