

Brandon Weber

Professional Software Developer

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Software Developer with 4 years of experience designing, building, and deploying cloud-native applications and data pipelines. Strong background in Java and Python with deep experience using Spring Boot and the broader Spring ecosystem to deliver scalable microservices. Skilled in developing REST APIs, integrating messaging systems like Kafka, and implementing search and analytics solutions with Elasticsearch. Experienced in deploying services on Google Cloud using Cloud Run and GKE. Adept at working with modern data and analytics stacks including PostgreSQL and Looker. Recognized for rapid career growth and continuous promotions through strong technical execution, ownership, collaboration and flexibility.

Skills

- **Languages:** Java, Python, SQL, Javascript
- **Frameworks:** Spring Boot, Microservices, React
- **Cloud & DevOps:** Google Cloud (Cloud Run, GKE, BigQuery), Docker, Kubernetes
- **Data & Messaging:** Kafka, Elasticsearch, Looker
- **Tools & Platforms:** Git, Gitlab, Jira, Postman, ServiceNow

Experience

Quarterhill Inc, Remote

Application Developer III (Dec 2023–Present)

- Designed and built **4 cloud-ready event-driven microservices** (Spring Boot, REST APIs, PostgreSQL), serving **5+ projects**, enabling new functionality, supporting **~50,000 events/day per deployment**
- Served as **technical liaison** for **10+ client demos**, influencing **\$10M+ in potential contracts**
- Spearheaded the design and delivery of a **predictive maintenance solution** for client's **\$6M contract**, decreasing unplanned downtime by **~20%** and reducing corrective maintenance efforts by **~25%**

Application Developer II (Jul 2022 - Dec 2023)

- Led the migration from **25 client-specific feature branches to a single unified codebase**, reducing merge conflicts and accelerating release cycles
- Mentored and onboarded **5+ new developers**, reducing average ramp-up time by **~30%** and ensuring adherence to coding standards and best practices
- Reduced **revenue leakage** by analyzing data trends, implementing feature updates, and improving system accuracy, resulting in **50% reduction in lost revenue**

Associate Developer II, Application Developer I (Sep 2021 - Jul 2022)

- Implemented a **Java-based vehicle tagging system** that identified **~300K high-frequency, reliable vehicles**, to support system performance analysis across the client's **3M+ vehicle population**
- Developed a **Python-based suite of scripts** to automate KPI extraction, aggregation, and formatting, reducing KPI collection and reporting time by **~90%** and improving data accuracy for stakeholders
- Successfully deployed and maintained **full product suite** across multiple clients with **10M+ contracts**, while ensuring system stability and high availability.

Education

B.S. in Computer Science, Vanderbilt University.

Dec 2020