

DANIELLE THORPE

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PROFESSIONAL SUMMARY

Software developer with experience in backend systems, cloud infrastructure, data processing and API integrations. Proficient in Agile methodologies and Object-Oriented Programming.

SKILLS

- Technologies: Databricks, Docker, Kubernetes, Git, Jira
- Languages: C#, Java, SQL, JavaScript, Python
- Cloud & DevOps: OpenObserve, Grafana, Prometheus, AWS, Terraform

EXPERIENCE

Software Engineer

June 2023 - February 2025

Divirod Inc. | Boulder, CO

- Configured, monitored, and debugged in-house IoT sensors for precise water data collection.
- Developed and maintained the tech stack, including Databricks Spark Streaming jobs utilizing Kafka, logging via OpenObserve, AWS for back-end processing and customer-facing applications, and data processing with Python.
- Wrote complex SQL queries and stored procedures for reporting and real-time data retrieval from relational databases

Software Engineer

August 2022 - May 2023

PICKUP Now, Inc. | Plano, TX

- Utilized Docker, GitLab, and Amazon Web Services to add customer-facing features to PICKUP's web delivery services with the help of DataDog, Zendesk, and Twilio texting APIs.
- Developed backend features in C# to support business workflows involving timed text messages to customers

PROJECTS

Infrastructure Transformation with Terraform | Divirod Inc.

- Migration of internal API and configuration Postgres database to AWS using Terraform, enhancing scalability and performance.
- Transferred existing data to the new Postgres server with minimal downtime and zero data loss.

EDUCATION

Bachelor's of Computer Science

May 2022

Colorado State University, Fort Collins, CO