Samy **Rezzag**

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Work Experience _____

Target

SR. SOFTWARE ENGINEER June 2022 - Present

- Provided technical guidance and mentorship to members in Target's Technology Leadership Program.
- Modernized complex legacy apps to provide automated, real-time reaction to changes in business rules.
- Developed a dynamic engine rule with stream processing to perform demand forecasting and disaggregation.
- Presented at multiple internal Target conferences regarding supply chain and observability related topics.

LogicMonitor

FULL-STACK SOFTWARE ENGINEER Jan 2022 – Jun 2022

- Developed two custom Grafana plugin modules leveraging REST and Data Streaming delivery methods.
- Performed professional services consultancy; completed and delivered several client engagements.
- · Automated various Solution Engineer workflows, saving hours of manual work per new engagement.

Western National Insurance

SOFTWARE DEVELOPER II Apr 2020 - Jan 2022

- · Created multiple successful proof of concept demos and presentations for new development technologies.
- Introduced Redis, which is now heavily implemented into many existing and new microservices. · Leveraged Event Driven Architecture designs using Kafka, WebFlux, and Reactive Streams.
- Deployed over 100 microservices to AppDynamics with health rules, alerts, and metric monitoring.

State of Minnesota, Department of Health

JAVA SOFTWARE DEVELOPER Dec 2019 - Apr 2020

- Provided flexible software support for a dozen custom applications and their end-users.
- Lead cost-conscious development initiatives on GIS, Health, and Pandemic related projects.
- · Automated creation of visualization reports, data comparison tools, and other in-demand BI utilities.

Tech Guru

SYSTEM ADMINISTRATOR Feb 2019 - Dec 2019

- Developed scripts to automate new-user onboarding and increase employee time-tracking accuracy.
- Remotely supported over 100 tenant environments via a wide variety of administrative control panels.
- Lead initiative on the automation of generating runbooks and network discovery documentation.

J. Murphy & Associates

IT MANAGER & WEB DEVELOPER Jul 2018 - Mar 2019

- Restored website usability and reliability by upgrading codebase from PHP 5.5 to PHP 7.2.
- Performed routine website maintenance, test-driven development, and SEO strategies for nonprofit clients.
- Enhanced existing network security, device performance, and setup automated on-site and cloud backups.

Skills

Programming Languages: Tools & Frameworks:

Java, Kotlin, Python, HTML, CSS, JavaScript, TypeScript, Groovy, React, Bash Spring Framework, Kafka Streams, Redis, Amazon Web Services (AWS), Docker Observability & Monitoring: AppDynamics, Grafana, LogicMonitor, Micrometer, Prometheus, OpenTelemetry Postgres, RocksDB, SQL/Lite, Apache Cassandra, InfluxDB, ElasticSearch

Education

Databases:

Metro State University St. Paul, MN

BS IN COMPUTER SCIENCE 2016 - 2020

Roseville Area High School HIGH SCHOOL DIPLOMA

Roseville, MN 2012 - 2016