

Matthew Gmur

Software Development Engineer in Test

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EXPERIENCE

New Relic, Portland OR — Software Development Engineer in Test

NOVEMBER 2019 - PRESENT

Primary engineer responsible for automated testing of New Relic's custom telemetry database.

- Created an automated testing Java library for creating a service to run automated regression tests triggered by REST requests.
- Engineering Captain for team tooling to create automated service deployments gated by comprehensive regression tests.
- Carried the team pager for rapidly responding to incidents involving team services and customer facing features.
- Created monitoring and alerting for crucial team systems.
- Developed new customer facing NRQL features as part of New Relic's Query Experience team.

Vertafore, Denver CO — Software Development Engineer in Test

JULY 2018 - SEPTEMBER 2019

Responsible for applying testing knowledge to plan & implement efficient & automated tests. Oversaw day-to-day testing & guided the test suites to support critical product & feature development.

- Leveraged Behavior Driven Development (BDD) with Cucumber & Gherkin to define & gather testable product requirements.
- Comprehensively tested Restful APIs using SpecFlow, REST Assured, Postman with Newman, & Pact contract tests.
- Utilized Selenium & Chrome Dev Tools to automate critical UI tests.
- Employed Agile methodology to test & deliver key product features.
- Built a test suite from the ground up with Java & SerenityBDD to automate regression testing & support bi-weekly product release.

Erickson Information Services, Beaverton OR — Software Engineer

NOVEMBER 2017 - JULY 2018

Developer of in house & customer facing software. Python & Flask web

LANGUAGES

Java, Kotlin, Python, C#,
JavaScript, SQL, HTML & CSS,
NRQL

KNOWLEDGE

FRAMEWORKS

Dropwizard, Dagger 2
Dependency Injection, Kafka,
Spring MVC, Flask, Bootstrap,
SQLAlchemy, jQuery

METRICS & TELEMETRY

OpenTelemetry, Agent
Configuration, Prometheus,
PromQL, Grafana, NRQL &
New Relic APM

CLOUD

Kubernetes, Docker, AWS

VERSION CONTROL

Git, GitHub, Gitlab

DEPENDENCY MANAGEMENT

Gradle, Maven, Python Pip

DEVOPS

CI & CD, Agile & Scrum, Site
Reliability Engineering, SLIs
& SLAs

OPERATING SYSTEMS

OS X, Windows 10, Linux, MS
Office, Chrome Dev Tools

TESTING TOOLS

application development to effectively meet objectives & key results.

- Designed processes & procedures to support continuous integration & deployment.
- Enhanced user experience & increased security on proprietary aircraft engineering document repository.
- Built tool to consume & utilize the Microsoft Graph API.

Intel Corporation, Hillsboro OR — *Manufacturing Technician*

JUNE 2011 - JUNE 2015

Four years at Intel's Logic Technology Development Group.

- Analyzed & adjusted complex manufacturing systems to optimize tool performance.
- Executed production experiments critical to development of new silicon technologies.
- Trained & mentored technicians in Intel best practices & procedures.

United States Marine Corps, Camp Pendleton CA — *Sergeant*

DECEMBER 2003 - DECEMBER 2008

Two deployments to Iraq. Five Years of honorable enlisted service.

- Maintained & operated a communications network worth over \$1 million.
- Implemented tactical reports to support infantry operations for capturing high value targets.
- Trained in radio wave propagation theory, data collection & analysis.

EDUCATION

Portland State University, Portland OR — *B.S. Economics*

JANUARY 2009 - DECEMBER 2013

Emphasis in mathematics & statistics with a focus on behavioral economics & coursework in electrical engineering.

- Calculus, Linear Algebra, Differential Equations, & Probability & Statistics.
- Physics, EE Circuits, Computer Science, & Programming for Engineers.

J-Unit, Mockito, Unittest, Selenium, SerenityBDD, Postman, Fiddler, Pact Contract Tests

ACHIEVEMENTS

Technology Association of Oregon - HACK FOR A CAUSE - 2018 - WINNER - Best in Category

Oracle Java SE I Certification

Skill Distillery - 2017

INTERESTS

International Nomad

SEPTEMBER 2015 - DECEMBER 2016

Traveled for 15 months to 26 countries on 4 continents.

Taught English & set up a computer lab for a rural Thai village school.

Strengthened Spanish language skills at the Antigua Spanish Academy.