

# GUY CHERKESKY

## SOFTWARE DEVELOPER

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## PROFESSIONAL EXPERIENCE

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### COMCAST

SOFTWARE DEVELOPER | Apr 2022 - Present

Software Developer in the Media Analysis Framework (MAF) team.

- Creating, maintaining, and debugging the framework core components
- Developing ETL tools for various internal processes. Reducing processing time from hours to minutes
- Researching and implementing observability and monitoring tools. Reducing costs and helping to find issues faster
- Owning the cloud deployment process. Creating, maintaining, and orchestrating artifacts and IaC resources
- Implementing security measures and standards to ensure proper access, permissions, and quotas. Utilizing AWS best practices.
- Querying different types of databases and logs with SQL and dedicated querying languages
- Testing using unit tests, integration tests, smoke tests, and automated load tests
- Serving as a technical liaison between the company and clients for a dedicated line of products
- Core technologies: Python, Golang, SQL, Postgres, MongoDB, Jenkins, Kubernetes, Terraform, Prometheus, Grafana, AWS Lambda, DynamoDB, SQS, SNS, EKS, EC2, CloudWatch, API Gateway, IAM, Cognito, JWT

### HEALTHSTREAM

ADVANCED PRODUCT SOLUTIONS DEVELOPER | Oct 2021 - Apr 2022

Software Developer in the Taxonomy team

- Developed a serverless architecture for an existing set of products. Utilizing various AWS serverless services. Taking into consideration performance, reliability, and cost trade-offs
- Created, maintained, and deployed Docker images/containers to ECS (Fargate & EC2). Managing versioning on ECR
- Maintained Terraform resources, variables, and outputs. Assisting CloudOps engineers with infrastructure debugging efforts
- Scripted bash scripts in order to streamline various ETL processes
- Monitored execution, performance, and anomalies with a custom made CloudWatch Dashboard
- Queried different types of databases and logs with SQL and dedicated querying languages
- Core technologies: Golang, Python, SQL, Postgres, Docker, Terraform, Bash, AWS Lambda, AWS SAM, DynamoDB, SQS, SNS, ECS, ECR, CloudWatch, API Gateway, AWS Transfer Family

SOFTWARE DEVELOPER | Jan 2021 - Oct 2021

Software Developer in the Taxonomy team

- Developed, refactored, and debugged AWS-based ETL services. Implementing Lifecycle and TTL policies to improve the company's data retention while controlling costs
- Leveraged AWS Serverless Application Model (SAM) & DynamoDB Single Table design to reduce time to market & improve performance
- Designed integration and unit tests using PyTest. Emulating AWS services with Moto
- Assisted QA with ongoing tests and helping onboarding new team members to the code base
- Core technologies: Python, AWS Lambda, AWS SAM, SQL, Postgres, DynamoDB, SQS, SNS, CloudWatch, API Gateway

### 555 LEADS AND SERVICES

CO-FOUNDER | Feb 2012 - May 2018

Provided online advertising, a 24/7 call center, and lead generation services to independent contractors across the nation.

- Built and launched a call center and online lead generation business from scratch
- Created script and utilities in Python to streamline everyday business tasks
- Successfully adapted to constant changes, needs, and budgets while triaging problems and identifying short and long-term solutions
- Generated leads for the business clients
- Assessed business performance through established, well-defined Key Performance Indicators (KPI)
- Led recruitment and training of customer service representatives and supervisors

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### COMVERSE

QA ACTIVITY LEAD | Jun 2010 - May 2011

*Comverse develops and markets value-added telecommunication software for mobile network carriers.*

- Created Software Testing Documents (STD) according to Marketing/R&D requirements and effectively prioritized based on project timelines
- Responsible for a team of 3, including day to day management and work delegation
- Upgraded tests and modifications to current software versions
- Testing Execution (End-2-End, System components) performed according to specifications
- Test planning and execution while enforcing the QA methodology
- Supported other QA teams in similar testing areas
- Executed all tests in Linux/Unix environment and documented in Quality Center (Mercury)

### QUALITEST

QA SUPERVISOR | Jul 2007 - Jun 2010

*Qualitest is an international software testing company.*

- Point of contact for Qualitest's clients
- Established work guidelines and methodologies for Qualitest's clients
- Recruited, led, and mentored a team of three QA people (2 manual testers and 1 automated)
- Designed, documented, implemented, and executed manual tests including regression, sanity, and functional testing. GUI, unit tests, DB, localization, and integration testings.

### EDUCATION

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Amazon Web Services (AWS), AWS Certified Developer Associate DVA-C01 (2020)

Nashville Software School, Full-Stack Developer Bootcamp (2019 - 2020)

The Open University Of Israel, Computer Sciences & Business Administration (2008 - 2010)

### COMMUNITY

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ART|TECH Nashville- Founder & Organizer (2021 - Present)

TN Courts - Hebrew/English Interpreter (2015 - Present)