

Artur Kondas

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Profile

Senior Software Engineer with over five years of experience in software development, consulting and support services. Skilled in automation, tech leadership, agile methodologies, architecture and mentoring. Always full of ideas and unconventional approach to problems, but still being able to see all the options and judge accurately. Willing to learn and improve, but at the same time to teach and help others.

Site Reliability Engineering Guild lead & evangelist. Go enthusiast, open source contributor and trainer. Experienced in DevOps and reliable CI/CD practices. Advocate for asynchronous teamwork and team morale over sticking to pre-fabricated templates. I believe in continuous improvement not only in code, always learning something new.

Avid fan of remote working and work based on trust, not on numbers. I get stuff done (to put it mildly).

Outside of work - music producer, guitarist, amateur bread maker and electronics aficionado.

Projects

Asynchronous chat

Built a set of highly secure and highly available Go AWS lambdas utilising Amazon Lex & Connect functionality. Fully integrated with DynamoDB, leveraging some of the automation provided by the database; configured with AWS Secrets Manager, deployed over AWS Service Catalog. Designed packages to abstract the logic within the lambdas and expose a simple and well documented API. Designed the architecture for multiple stacks and maintained the releases within multiple projects.

AI-powered analysis & data scraping microservices

Designed and built a microservices suite for data scraping and analysis using Go, Python, PostgresDB and graph databases (dGraph, neo4j). Reworked the POC written by a previous team to decrease the time of discovery from 12 hours to 10 minutes. Reworked the architecture from previous monolith solution into a fully orchestrated microservices suite with multiple interfaces for various programming languages. Utilised the power of Goroutines to make the solution scalable and asynchronous. Introduced tiered logging to the service to increase observability

AI-powered crime prevention systems

Built and maintained a set of microservices for video data processing and AI integration. Using Google Cloud services, NodeJS and custom ffmpeg wrappers. Refactored the database queries to increase speed of retrieving the data. Improved the code quality and readability within the whole stack. Increased the test coverage across the whole stack by 50%.

Go-powered music video

Wrote first ever **music video in Golang**. Did everything apart from singing - wrote, record, mixed, mastered, planned out, wrote the video, released the video.

Automated daily chores in terminal

If there's something I've been using to help me with my work/daily chores, 99/100 times I wrote an CLI for this. Blogging? Automated. Switching Git accounts? Automated. Creating new repositories without leaving the terminal? Automated. Scrapping data to see if the flour I want is available and notifying me over various channels? Automated. And calling that package brady-steady-go? Done.

Post-deployment integration tests

Designed a process & tooling system for validating web suite post-deployment. Decreased the time needed from 4 hours to 5 minutes.

Data-visualisation boards

Harnessing the power of ServiceNOW, built a set of data boards visualising the state of service desk, SLIs and KPIs across different teams - which resulted in massive decrease of backlog and increased the speed of resolution.

Employment

Barclays (via **ECS Digital**) / Go Software Engineer

October 2020 - Present

ECS Digital / Go Software Engineer

July 2019 - Present

Calipsa / Full Stack Software Engineer

January 2019 - July 2019

/ Scrum Master

March 2019 - July 2019

Sparta Global / Software Development Technical Trainer

September 2018 - January 2019

Freelance / Full-Stack Developer

January 2017 - June 2018

ABB / Application Specialist

January 2018 - June 2018

/ IT Support Specialist

March 2017 - December 2017

Capgemini / English Customer Service Advisor

August 2016 - February 2017

Skills

Programming Languages Go/Golang, Rust, Python, Javascript/NodeJS, C/C#/C++

Database PostgreSQL, MongoDB, MySQL, dGraph, Neo4J, AWS Suite (RDS, DynamoDB)

Frameworks/Libraries gRPC, GraphQL, ffmpeg

Infrastructure Terraform, Ansible, Chef

Cloud & Orchestration AWS, GCP, Kubernetes, RDS, EC2, S3, Docker

CI/CD Jenkins, Puppet, GitHub Actions

Version Control Git, GitHub, GitLab, BitBucket

Project/Team Management Agile, Scrum, ITIL

Automatic/Static Deployment tools GitHub Pages, Netlify, Heroku

Certifications

- **Gremlin Chaos Engineering Practitioner** - Gremlin - July 2021
- **Certified Kubernetes Application Developer** - The Linux Foundation - July 2021
- **Site Reliability Engineering Foundation** - DevOps Institute - May 2021
- **AWS Certified Database - Specialty** - Amazon - March 2021
- **Mulesoft Certified Developer** - Mulesoft - January 2021
- **AWS Certified Developer - Associate** - Amazon - October 2020
- **ITIL Foundation** - Conlea - June 2017

Open Source / Volunteer

- **Speaker** - Devops Playground
 - Delivered a live-streamed workshop on building a ready-to-deploy, CRUD API in Go. [Link here.](#)
- **Speaker** - Golang in London
 - Delivered a live-streamed workshop on building small app to play music from the terminal. [Link here.](#)
 - Delivered a live-streamed presentation on how to structure small Go programs. [Link here.](#)
- **Guest Speaker** - ColorInTech
 - Delivered two workshops on annual ColorInTech events .
- **Contributor** - Chef
 - Contributed to 5.2.0 - #95
- **Contributor** - Grafana Labs
 - Contributed to 7.0.0 beta - #22898
- **Contributor** - Rod
 - Contributing to overall functionality of a Chrome Devtools driver in Go.
- **Contributor / Translator** - GitHub
 - Translated Unshaky and Rectangle to Polish.
- **Translator** - Microsoft
 - Contributed to VS Code translation to Polish.
- **Technical Trainer** - Codebar
- **Technical Trainer** - CodeFirst: Girls
 - Delivered two editions of CF:G.

Education

Cracow University of Technology Power Engineering / BEng

2013 - 2017

Engineering thesis: *Acoustic measurements of electrical engines*

Languages

- Polish (Native)
- English (Fluent)
- Spanish (Basic)