

Artur Kondas

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Profile

As a Lead Software Engineer with over eight years of experience in IT, I bring a wealth of skills and experience to any team. I specialize in **tech leadership, multicloud and microservice-based architecture, automation, agile methodologies, and mentoring**. I have a unique approach to problem-solving, always full of ideas and eager to approach problems unconventionally. However, I am also able to evaluate all options and make informed decisions.

One of my core values is a **willingness to learn and improve**. At the same time, I am passionate about **teaching** and helping others. I have presented at various **tech conferences**, including **GopherCon UK** in **London**, **ContainerDays** in **Hamburg** and **DevBCN** in **Barcelona** where I broke down complex technical concepts into easily digestible presentations that engaged and educated audiences of all levels. I enjoy sharing my knowledge and experience with others and am always seeking out new opportunities to contribute to the tech community.

Beyond work, I am committed to giving back by working with non-profit organizations like **Code First Girls** and **Colourintech**. Through my work with these organizations, I help **empower women and underrepresented groups** to break into the tech industry. I am passionate about creating a more **inclusive and diverse** industry and believe that everyone should have the opportunity to pursue a career in tech. I am also heavily involved in the **Open-Source** community, trying to help out as much as I can, whenever I can - I've contributed to projects led by **Microsoft** or **Chef**, to mention a few.

In addition to my experience in software development, I bring a **remote-first** mentality and strong communication skills to my work. Whether collaborating with colleagues or pursuing my diverse interests, I am comfortable working with people from different cultures and time zones. This flexibility has allowed me to develop unique problem-solving skills and make valuable contributions to a range of projects.

Outside of work, I am a **music producer**, guitarist, composer, and songwriter, and I have a passion for exploring new sounds and creating original music. To add on top of that, I wrote the first ever **music video in Golang**. I'm also a break maker and an amateur cook; electronics aficionado; powerlifter and a beginner carpenter. All of these experiences interpolate with each other, making me who I am.

Employment

Form3

/ Lead Software Engineer

May 2023 - Present

- Leading a team, driving groundbreaking developments in **European-based payments**, leveraging **SEPA** systems to push the boundaries of what is possible.
- Delivered a biggest in history **payment schema messages format update**, working alongside **European Banking Authority**.
- Re-designed internal processes to **make development** of new features **swift and frictionless**.
- Building **high performance teams**, not high performance units. **We win as a team**, we lose as one as well.

/ Senior Go Software Engineer

February 2022 - May 2023

- Worked on **cutting-edge** payment gateways processing **millions** of payments monthly.
 - Introduced improvements to services which lead to **massive speed improvements** and **costs savings** across cloud providers.
 - Supporting the onboarding of new team members, ensuring that they are equipped with the knowledge and resources they need to thrive in their roles.
 - Implementing more robust **metrics** and **logging** systems that enable faster, more efficient resolution of **on-call** tasks and issues.
 - Forging a **strong presence** for Form3 within **Go** and other tech communities, driving engagement and sparking **industry-wide** excitement.
-

BP (via **ECS Digital**) / Site Reliability Engineer

October 2021 - February 2022

- Developed, from start to finish, a **game-changing Observability suite** within one of the key products
- Created fully automated **monitoring dashboards** using **Honeycomb** and **Opentelemetry collectors**
- Promoted an SRE Mentality throughout the organization and mentored teams on SRE tenets
- Automating Toil with regards to frequent deployments

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

October 2020 - September 2021

- Won **ECS Change Makers Award** & received praise from the client for the work on the project.
- Built a set of highly secure **Go AWS lambdas** utilising **Amazon Lex & Connect** functionality ensuring **high availability to 9.4 million customers**.
- **Lead developer** and a Key member of a team that scaled up availability **from 0 to up to 70k chat conversations per day in 2 weeks time**.
- Fully integrated with **DynamoDB**, leveraging some of the automation provided by the database, configured with **AWS Secrets Manager**, deployed over **AWS Service Catalog**.
- Helped refactoring existing lambdas and services to **decrease spending by 40% on AWS**.
- Introduced **Sonarqube** across the Go stack to increase test coverage
- 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.
- Helped onboarding **multiple new joiners** and trained them in using **Go and AWS** services.

ECS Digital / Go Software Engineer

July 2019 - February 2022

- Designed and built a **microservices suite** for data scrapping and analysis using **Go, Python, PostgresDB** and **graph databases (dGraph, neo4j)**.
- Services were designed to work in tandem with **AI-powered analysis suite**.
- 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.
- Leader of **SRE Guild** in the company.
- **Mentor and upskill** a lot of new joiners in the company.

Calipsa / Full Stack Software Engineer

January 2019 - July 2019

- 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%**.

/ Scrum Master

March 2019 - July 2019

- Introduced **Scrum and Agile** workflow and mentality in the company.
- Made first steps in building **asynchronous communication** mindset across teams.

Sparta Global / Software Development Technical Trainer

August 2018 - January 2019

- Trained three cohorts of students working currently in **UK Home Office, Three Mobile** or **UK Ministry of Justice**.
- Taught **web development, backend programming** using **Java, Ruby, Python** and **C#**.
- **Mentored and managed** students to help them achieve their true potential.
- **Recognized by the board** for willingness and skill for tackling unexpected challenges.

ABB / Application Specialist

January 2018 - June 2018

- Designed a process & tooling system for **validating web suite** post-deployment. Decreased the time needed **from 4 hours to 5 minutes**.
- Application specialist working on **globally available** web suite presenting ABB tools, systems and parts.
- Managed wordpress, various CMS and **SQL databases**

/ IT Support Specialist

March 2017 - December 2017

- 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**.
- Member of internal project audit that processed entire applications' move from Poland to India, including knowledge and staff training.

Capgemini / English Customer Service Advisor

August 2016 - February 2017

Skills

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

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

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

- **Systems Programming for Linux Containers** - man7.org - September 2022
- **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** - ContainerDays Hamburg 2023
 - Need For Speed: Scaling Go Microservices
- **Speaker** - GopherCon UK 2023
 - The shimmy to the left: why security is coming for engineers
- **Speaker** - DevBcn Barcelona 2023
 - Need For Speed: Scaling Go Microservices
- **Speaker** - GopherCon UK 2022
 - The Joy of Linters: Good Engineering Practices & Productivity Boosters. Link [here](#)
- **Speaker** - GoLab Firenze 2022
 - Call Me Maybe - Communication Between Microservices (incl. a technical issue with the projector) Link [here](#)

- **Speaker** - ContainerDays Hamburg 2022
 - Call Me Maybe - Communication Between Microservices. Link [here](#)
 - Cloud Confused - Differences Between Cloud Vendors. Link [here](#)
- **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](#).
- **Moderator** - Microsoft
 - Moderated **Microsoft Tech Days: Learn Go on Azure** event as a Golang SME
- **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*