

# Artur Kondas

## Contact

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## Profile

As a Senior Software Engineer with over six years of experience, 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 and ContainerDays in Hamburg, 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.

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. 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** / Senior Go Software Engineer

*February 2022 - Currently*

- Lead a team that is driving groundbreaking developments in **European-based payments**, leveraging **SEPA** systems to push the boundaries of what is possible.
- 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.

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**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

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**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.
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## 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.
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## 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.
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## 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.
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## 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.

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**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

- **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** - 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](#).
- **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*