Bartek Ogryczak   Senior Back-end Engineer

pronounced: bar-tech og-ree-chuck

Professional Summary

Seasoned back-end engineer with over 25 years of programming experience, specializing in building and scaling high-traffic distributed services. Skilled in a variety of modern technologies with strong focus on AWS and Python. Proven track record in leading significant infrastructure projects and driving the adoption of best practices within technology teams. Fluent in English, Spanish, and Polish.

Professional Skills

Cloud Technologies: AWS, Docker & Kubernetes
Programming: Python, Django, Ruby, Rust
Databases: MySQL, Redis, PostgreSQL, BigQuery, ClickHouse
Architectures: Microservices, Distributed Systems
Other: Kafka, Circuit Breakers, Rate Limiters, Google Protobufs

Contact Info

Concord, California
linkedin.com/in/bogryczak
github.com/vartec

Work Experience

Senior Software Engineer II at *Sentry*, *San Francisco, CA*

October 2023 — *present*

- **Errors and Issues Team**: A cross-functional team responsible for building and maintaining Sentry's core product.
- **Key Achievements**:
  - Automated enforcement of logging best practices preventing outages due misconfiguration.
  - Extended and improved Errors grouping code.
  - Implemented caching to reduce ClickHouse data scans by up to 97%.

Senior Software Engineer II at *Chime*, *San Francisco, CA*

May 2020 — September 2023

- **Application Foundry Team**: Developed tools to enhance service resilience and scalability. Managed both application code and infrastructure setup.
- **AWS Migration**: Key role in a cross-functional "tiger" team to migrate infrastructure company-wide from RackSpace to AWS EKS.
- **Key Achievements**:
  - Standardized task scheduling by migrating to Kubernetes CronJobs.
  - Developed Hawker, an in-house messaging system, improving cross-service communication.
  - Implemented Twirp for standardized RPC, enhancing team interoperability.

SWE / Senior SWE I / Senior SWE II at *Eventbrite*, *San Francisco, CA*

Oct 2014 — Apr 2020

- **Backend Foundry Squad / Infrastructure Team**: Led architectural solutions and system implementations to enable scalable operations.
- **Key Achievements**:
  - Designed and implemented Cerberus, an advanced permissions system.
  - Developed PySOA for service-oriented architecture, reducing remote call latencies.

Earlier Work Experience

Back-end Developer at *Layar*, *Amsterdam, The Netherlands*
Feb 2011 — Sep 2014

Designed and implemented scalable architecture for Layar's augmented reality applications.

Core Developer at *Hyves*, *Amsterdam, The Netherlands*
Jul 2009 — Feb 2011

As a back-end engineer at the Netherlands' largest social network, I managed 2 billion image/video files, designing an algorithm that enhanced replication and reduced latency.

Software Analyst at *Red Trabajar*, *Madrid, Spain*
Feb 2008 — Jul 2009

I led a complete rewrite of Spain's largest job portal, modernizing it with Zend Framework and Oracle DB, and designed a system to send 15 million customized emails nightly.

Software Analyst at *Santander Bank*, *Madrid, Spain*
Jul 2006 — Feb 2008

I integrated and processed data from multiple real-time sources for risk management at Santander's investment banking division, developing an algorithm that reduced latency and runtime by 12-fold.

Web developer / Sysadmin at *Melog.com*, *Warsaw, Poland*
1997 — 2005

As a Linux Sysadmin and later back-end specialist at a growing company, I focused on Oferty.net, a meta-search platform aggregating data from numerous real-estate agencies.

Education

MS in Computer Science at *University of Warsaw*, *Warsaw, Poland*
1995 — 2001

I earned an MS in Computer Science from the University of Warsaw, specializing in Distributed Systems, and developed USOSweb for my thesis—a component of the award-winning USOS system now used by over 50 universities.

Certifications

Generative AI with Large Language Mode from *DeepLearning.AI*

Coursera course: Grade Achieved: 100%, April 2024

Rust Fundamentals from *Duke University*

Coursera course: Grade Achieved: 100%, May 2024

Python and Rust with Linux Command Line Tools from *Duke University*

Coursera course: Grade Achieved: 100%, May 2024

Rust for Large Language Model Operations (LLMOps) from *Duke University*

Coursera course: Grade Achieved: 100%, May 2024