Josef Gasewicz

Senior Fullstack Java Engineer

London, England, United Kingdom

[GitHub Profile](#)

Professional Summary

Experienced software engineer with deep expertise in Java, AWS, and Terraform, with a strong track record of delivering cloud-native infrastructure and scalable backend systems. Proficient in Docker and Git-based CI/CD workflows (GitHub, GitLab, Bitbucket). Contributor to open-source tools and founder of Josef.Digital. Background includes over 10 years working professionally in AI, finance, media & government sectors. Former session bassist and jazz educator.

Key Skills

- Programming Languages: Java, Python & C
- Cloud & Infrastructure: AWS (EC2, IAM, S3, ECS, Lambda), Terraform (Module authoring & IaC best practices), Ansible, Nginx & Caddy.
- DevOps & Containers: Docker, GitHub Actions, GitLab CI/CD
- Frameworks & Libraries: Spring, Spring Boot, Hibernate, ReactJS, AngularJS.
- Open Source: Authored projects such as ForestMQ, Bobtail, Gomek, Pytask-IO, Flask-file-upload, flask-jwt-router, and react-google-oauth2.0
- Full-Stack Development, Data Engineering and Mobile Development

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Open Source Contributions

- **JupyterHub**
- **Marshmallow**
- **go-bindata-assetfs**

Authored Projects

- **ForestMQ**: Message Queue
- **Bobtail**: Lightweight WSGI Python HTTP framework
- **Gomek**: HTTP framework
- **Pytask-IO**: Python async task queue
- **React Bare Forms**: React/Typescript forms with validation.
- **flask-jwt-router**: Auth library for Flask, including Google OAuth2.0

- **react-google-oauth2.0**: React frontend login with OAuth 2.0

Professional Experience

UK Health Security Agency
Senior Python / Django Software Engineer
December 2024 – Current

- Implemented Middleware for RBAC Group Context Enforcement on a Django backend application for the front facing UKHSA Data Dashboard website.

- Designed the RBAC middleware authorisation layer employing the Fluent / Actions design pattern.

- QA & Integration testing our own work.

Post Office Ltd
Senior Java Software Engineer
November 2022 – November 2024

- Designed and implemented scalable backend systems & data pipelines using Go & Typescript.

Office for National Statistics
Senior Java Developer
January 2022 – October 2022

- Developed data-driven solutions to enhance government analytics platforms.

SigTech
Senior Java Developer
August 2021 – November 2021

- Delivered robust financial software solutions for investment management.

Mission Digital
Lead Fullstack Python & TypeScript Developer
September 2020 – August 2021

- Led full-stack development for a greenfield film file archiving platform.

NHS
Senior Java Developer
June 2020 – September 2020

- Built critical healthcare systems to support NHS operations.

Bink
Senior Java Developer
December 2019 – March 2020

Rolls-Royce
Lead Java Developer
June 2019 – November 2019

- Core developer in Rolls Royce's AI hub, creating scalable AI-driven applications.

Monolith AI
Lead Fullstack Developer (Python / TypeScript)
January 2019 – June 2019

Bauer Media Group – UK
Fullstack NodeJS / TypeScript & Python Developer
April 2017 – December 2018

Keytree
Java Developer
January 2017 – March 2017

Gameyfi
Lead TypeScript Developer
September 2016 – January 2017

King & Shaxson
Visual Basic & JavaScript Developer
January 2016 – June 2016

Sky
JavaScript Developer
October 2015 – December 2015

Convero
Java Developer
March 2015 – September 2015

Chelgate Limited
PHP / JavaScript / CSS Developer
August 2014 – February 2015

Music Career

Self-Employed
Jazz Double Bassist
September 2004 – January 2014 | Paris, France

- Performed and recorded with notable artists such as Eric Bibb, Pee Wee Ellis, Mel Gaynor, and Paul Jones.
- Jazz educator with extensive teaching experience in London and Paris.

Education

2010 -2011 GCSE English & Math (for a PGCE) Tower Hamlets College

2001- 2004 BA Hons Music (Upper 2:1) - Anglia Ruskin University

1997 -1999 HND in Fine Art - Colchester Institute of Art

1995   2 A Levels Colchester Institute

1991   5 GCSEs St Helena Colchester

References
Available upon request.