

# Piotr Rojek

## Principal AI Software Engineer / Engineering Lead

A seasoned Principal AI Software Engineer and Tech Lead with an extensive background in the media & entertainment industry. As a dynamic leader, I bring a top-tier skill set encompassing software architecture, project management, natural language processing, and AI integration across sectors. With a proven track record of fostering successful partnerships and strategic technology leadership, I leverage a proactive "Ship it!" mentality to achieve unparalleled results.

### Work History

2024-12  
- present

#### Senior Tech Lead

*DeepSense.ai, Warsaw, Poland*

2024-01  
- 2024-12

#### Principal Artificial Intelligence Software Engineer

*Wasabi Technologies, Boston, MA*

As a Principal Artificial Intelligence Software Engineer and Lead Engineer at Wasabi Technologies, I am responsible for the continued development of Wasabi AiR, a planet-scale solution for AI-powered media search and management. My role involves overseeing the entire software development lifecycle, from design and implementation to testing and deployment. My team and I have developed Wasabi AiR using Go programming language, leveraging in-house AI solutions such as Speech To Text, OCR, object detection, logo detection, and others. Our solution provides media management capabilities including ingest and search functionalities for prominent global entities in the media and entertainment industry.

2023-03  
- 2024-01

#### Principal Engineer / Software Architect

*GrayMeta Inc., Los Angeles, CA*

As the Principal Software Engineer / Software Architect at GrayMeta, I have been instrumental in facilitating the transition of one of the core company products to on-premises environments. I have collaborated with prominent global entities in the media and entertainment industry, offering strategic implementation of AI-powered solutions for media management, including ingest and search functionalities. My role also encompassed performing critical evaluations of various engineering designs, overseeing their rigorous testing, and analyzing the results thoroughly to ensure maximum efficiency and performance.

2021-12  
- present

#### Natural Language Processing Consultant

*Uniwersytet im. Adama Mickiewicza, Poznań*

As a Natural Language Processing Consultant for Adam Mickiewicz University in Poznań, I serve as an engineering consultant for the Natural Language Processing (NLP) research grant program. I bring my extensive knowledge and expertise in NLP to contribute to the development and execution of various research initiatives. This role sees me not only providing technical consultation, but also assisting in the conception, design, and realization of highly specialized projects within the field of NLP.

2022-07  
- 2022-12

#### Team Lead / Go Engineer

*AT&T / DirecTV, Remote*

In my role as a Team Lead and Go Engineer at AT&T/DirecTV, I



### Personal Info

#### Email

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### Skills

Go Programming Language

Python/Pytorch for Machine Learning

React / Next.js

PostgreSQL

MongoDB

HashiStack (Nomad/Consul/Vault)

Docker / Kubernetes

CI/CD Modeling (GitHub Actions/Jenkins)

Application and integration of AI across industries

Setting up authentication/authorization workflows

Deep Learning / Machine Learning

successfully helmed a focused team of five professionals executing ETL data processing and development for a feature reaching across the United States. Beyond merely guiding their operations, I also endeavored to enhance their professional growth by imparting necessary techniques and skills to optimize their tasks.

My responsibilities also included regular reporting on advancements in project specifications and tracking progress meticulously. My inputs were critical in the architecture of a robust data processing solution, which harnessed the power of parallelization and concurrency in Go, thereby

2017-09  
- 2024-01

### **Principal Engineer**

*Otherland Labs sp. z o.o., Przemyśl, Poland*

In my role as a Principal Engineer at Otherland Labs, I have fostered successful partnerships with a diverse portfolio of clients, ranging from global corporations such as AT&T/DirecTV, NBC Universal, and HyperFlow TV, burgeoning startups such as Overlooked and Star Summits, to local businesses and Polish governmental organizations. These collaborations have resulted in the creation of innovative web applications and effective growth hacking strategies.

My position also entails acting as the lead engineer and software architect on various projects. I primarily utilize Go, Next.js/React, demonstrating proficiency in leveraging these technologies to craft adaptable and efficient software solutions.

2015-09  
- 2018-06

### **Backend Go Developer**

*GrayMeta Inc., Los Angeles, CA*

As a Backend Go Engineer at GrayMeta Inc., I was an integral part of a team of five developers, reporting directly to the Chief Technology Officer. In this role, I leveraged my technical expertise in Go to develop distributed, scale-out big-data software solutions.

The industries served by these solutions spanned a broad spectrum, with a significant emphasis on the media and entertainment sector. My contributions were instrumental in driving efficiency, scalability, reliability, and overall performance of data-heavy applications across these sectors.

## Languages

English - C2

Spanish - B2

## Hobby/Interest

With a keen interest in both sports and music, I enjoy playing tennis and am a dedicated follower of Formula 1 racing. I also find satisfaction in cultivating my musical abilities on the piano, saxophone, and accordion. A fervent tech enthusiast, I take pleasure in keeping up-to-date with the latest advancements and trends within the ever-evolving technology landscape.

## References

### **Aaron Edell**

*Senior VP, AI & Innovation, Wasabi Technologies*

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### **Sek Chai**

*Vice President of Architecture, Global Music Rights*

### **Jens Thomsen**

*Chief Technical Officer, Integrated Digital Solutions, Inc.*

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