Adrian Lyjak

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*Versatile engineering leader with strong AI/ML capabilities • Track record
of building scalable systems • Passionate about solving complex technical challenges*

Technical Skills

Languages	*Scala, Javascript, Typescript, Python, NodeJS, Java, Smalltalk, Bash*
AI/ML	*LLM Engineering, RAG Systems, Vector Databases, Fine-tuning, ONNX Optimization, Evaluation Frameworks, NLP, Model Serving and Deployment*
Infrastructure	*AWS, GCP, Kubernetes, MongoDB, Elasticsearch, PostgreSQL, Redis, Microservices*

Professional Experience

Chatmeter | *Principal Architect* | 2015-Present

2021-Present	Principal Architect
2020-2021	Director of Engineering
2018-2020	Lead Software Developer

- Architected and scaled systems supporting growth ($6M → $30M ARR), including web scraping pipelines, APIs, and data processing workflows
- Spearheaded AI initiatives including RAG-based solutions and automated review response generation with significant acceptance rate improvements
- Architected and implemented core platform components; served as knowledge expert and technical advisor
- Lead technical operations across AI, DevOps, Infrastructure, API Integrations, and Technical Roadmap
- **Key Contributions:** Infrastructure modernization, technical planning, feature development, team leadership, mentorship, developer experience improvements, standardizing development practices

Chatmeter is a SaaS platform that monitors online presence of customer locations, integrating with 3rd parties through APIs and web scraping, providing real-time updates, data analysis, and reporting.

Shoshana Technology | *Lead Developer* | 2012-2015

2014-2015	Lead Developer
2012-2014	Software Developer

- Migrated legacy Windows desktop application to modern browser-based solution
- Navigated technical challenges within the obsolete Smalltalk ecosystem
- Established maintainable codebase architecture adaptable to evolving customer requirements

Shoshana's Rosemark is scheduling and payroll software for home-healthcare agencies.

Technical Focus Areas

Full-Stack System Architecture: Experience designing and implementing complete systems from infrastructure to user interfaces. Expertise in scalable microservices, data pipelines, and distributed systems.

AI/ML Engineering: Designed and deployed production LLM systems including RAG architectures, vector search, and fine-tuned models. Developed evaluation frameworks to measure and improve model performance. Experience with model optimization (ONNX, quantization), prompt engineering, and direct API integration for maximum control and performance. Strong focus on productionizing AI solutions that deliver measurable business value.

Developer Experience & Team Leadership: Created tooling and processes that improve development velocity. Mentored engineers and led teams through significant technical challenges and organizational growth.

Education

2007-2011	BFA, Graphic Design, Drawing, Purchase College