BARAK SHENCAR

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SOFTWARE ENGINEER & TEAM LEAD

I am a software engineer and team lead with expertise in developing scalable solutions and guiding teams. My focus lies in creating efficient data pipelines and successfully completing intricate projects. Currently, I am looking for a part-time position that presents opportunities for technical and business challenges.

SKILLS

- Python, Linux, TDD, ORM, FastAPI, SQL, NoSQL, Docker, Cryptography
- AWS (e.g. ECS, Lambda, S3, IAM, TF)
- Backend Architecture Design, Data Pipelines, Data Storage, Microservices.
- Team Leadership, TPM

EDUCATION

BSc. Physics & Mathematics
Technion University | 2024 - Present

EXPERIENCE

DATA PIPELINE TEAM LEAD

Illumina Inc. Jan 23 - Jan 24

Led a team to optimize a data pipeline, reducing workflow time by 70%. Reimplemented the pipeline for concurrency, eliminating bottlenecks with Linux tools. Conducted AWS infrastructure analysis and implemented a testing suite for reliability.

SR. SOFTWARE ENGINEER

Illumina Inc. - Sep 21 - Jan 23

As a Senior Software Engineer, I led backend projects in collaboration with product managers, designers, geneticists, and customers. Developed an open-source Python package for bioinformatics, built an automated pipeline for genomic articles, and implemented a BI data pipeline for billing and insights.

BACKEND TEAM LEAD

Ogen - Financial Aid (Volunteer) - Oct 22 - Jun 23

Designed and implemented a data pipeline for a financial aid application. Fetched external financial data, stored it in a scalable database, and built a robust API using FastAPI and Open Banking. Created a CI/CD process for efficient deployment.

DATA ENGINEER TEAM LEAD

8200 IDF - May 19 - Sep 21

Co-recipient of the Ministry of Defense Award (2021) and Unit 8200 Life Source Award (2020). Managed a team of 12 data engineers, leading projects on processing unfamiliar data formats, quick data processing solutions, and developing scalable pipelines. Designed boutique data lakes for diverse applications.

DATA ENGINEER

8200 IDF - Jan 17 - May 19

Designed and developed tools for data analysis, manipulation and processing using Python, K8S, SQL, and NoSQL in Linux environment. Integrated these tools in high-demand data pipelines.