Resume

Welcome to Igor Drokin resume! I am a Senior Software Engineer and Team Lead with 5+ years of experience in Python and Rust development. I specialize in building high-scale data processing systems, leading engineering teams, and deploying production solutions on AWS infrastructure. My expertise includes web scraping, ETL pipelines, cloud infrastructure management and backend development.

Core Competencies

- Build automated systems for data collection, transformation and aggregation
- Mentoring and leading small teams
- Contributed to static analysis tools and type checkers for Python ([ruff](), [pyrefly]())
- Python mastery, Rust enjoyer

Tech Stack

- Core Frameworks: Litestar/FastAPI, Scrapy, Playwright/Selenium, Actix/Axum
- Data & Analytics: Pandas, Jupyter Notebooks
- Infrastructure: Docker, K8s, CloudFormation, SAM, AWS CDK
- DevOps: ArgoCD, GitLab CI/CD, Grafana, Metabase
- Cloud: AWS(EC2, RDS, SQS, S3, Lambda, DynamoDB, API Gateway, Step Functions)
- Databases: MySQL, PostgreSQL, MongoDB, DynamoDB
- Message Brokers: RabbitMQ, Redis, SQS, Kafka

Programming Languages

- Python: 6+ years experience (5+ years professional)
- Rust: 2.5 years experience

Languages

- Russian: Native
- Ukrainian: Native
- English: B2

Education

- 2019-2024 Bachelor's Degree in Software Engineering **National University "Zaporizhzhia Polytechnic"**

Professional Experience

GroupBWT

Team Lead | Project Lead | Data Scientist (July 2020 - July 2025)

Designed and implemented high-scale data processing systems handling millions of records daily. Focused on providing insights based on web data. Key responsibilities included

- **Architected and deployed data processing systems handling 10+ million records daily**, reducing processing time by 40% and enabling real-time insights for clients across multiple industries
- **Built and deployed 25+ scalable web scraping solutions on AWS** that collected over 100 million data points monthly with 99.5% accuracy
- **Designed and implemented 10+ REST APIs** serving 1,000+ daily requests with 99.9% uptime, enabling seamless integration with client systems
- **Established boilerplate templates and best practices** that became company standard, reducing onboarding time for new engineers from 3 weeks to 1 week
- **Led and mentored teams of 3-5 engineers**, growing 4 trainee developers to mid-level positions while delivering 15+ data collection projects
- **Implemented ETL pipelines** for automated data processing, reducing manual work by 80% and processing data 3x faster than previous solutions

Company website: https://groupbwt.com/

Contact Information

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