

Alex Litvak

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A **seasoned hands-on engineering leader** with **over 14 years of experience** in designing and implementing highly **scalable distributed systems**, and building productive, autonomous and motivated teams as well as fostering the **culture** that empowers them.

Skills

Microservices,DDD, CQRS, Event Sourcing, Event Driven Architectures, Distributed Sagas
Ruby (Rails, Sinatra, Grape API, RSpec), C#, C/ C++, Java, Golang
HTTP, TCP, REST, Protobuf, gRPC
MySQL, PostgreSQL, MongoDB, Redis, Memcached, BerkelyDB, ElasticSearch, OrientDB, Graphite
RabbitMQ, Kafka, ZeroMQ
Git, Jenkins, Docker, Kubernetes, CircleCI, CI/CD, Kibana, Grafana, Graylog

Experience

Uber

New-York

Software Engineering Manager II

Oct 2018 - Present

- Leading the Marketplace Health & Simulation teams (12 engineers) - our products provide both real time and forecasted analysis and insight to various dynamics in the complex 3-sided Uber Eats marketplace.
- Defining and evangelizing the long term vision and technical direction
- Established agile development methods within the team streamlining execution and increasing velocity, predictability and structure
- Coaching, mentoring and growing engineers, adhering to individual career goals and motivations

Fiverr

Tel-Aviv / New York

World's largest marketplace for creative and professional services.

Director of Software Engineering

Jan 2017 - Oct 2018

- Established the Fiverr USA engineering office, set the vision and defined the technical strategy
- Hired, onboarded and mentored 3 product engineering cross-functional teams across 2 offices
- Worked on the next iteration of our event-sourcing based microservices architecture
- Fostered engineering excellence while growing engineering talent

Software Engineering Manager

Aug 2015 - Jan 2017

- Collaborated with product managers, product designers and business analysts at planning and prioritization of the product roadmap, alongside technical debt and strategic technical refactors
- Oversaw technical design and implementation, practicing clean code, design patterns, in an agile development environment
- Designed and developed the marketplace catalog engine, structural metadata services, pricing models and other various products in a large-scale microservice-oriented environment

Senior Software Engineer

Sep 2013 - Aug 2015

- Integrated a graph database and designed an algorithm to surface best leads in a seller CRM
- Created a highly scalable service to harvest and store user social data
- Refactored legacy registration flow to a generic identity authentication platform
- Built a DSL for the creation of dynamic content pages used by our merchandising teams

Leverate

Tel-Aviv

A Deloitte Technology Fast 500 premium broker solutions provider.

Senior Software Engineer

Oct 2011 – Sep 2013

- Designed and developed scalable, low contention data ingestion and distribution services over multicast
- Developed protocols for seamless deployment and configuration of new data processing agents
- Implemented storage-efficient financial rates archiving
- Improved rates processing memory performance using profiling tools

C#, Autofac, Spring.NET, TPL DataFlow, TeamCity, Caliburn.Micro, SpecFlow, ZeroMQ, Zeroc Ice, Google ProtoBuf, DevExpress, SciChart, BerkleyDB

IDF - Mamram Unit

Tel-Aviv

Part of an IDF elite technology unit

Software Architect

Dec 2009 – Aug 2011

- Designed the architecture of a flagship spatial storage and processing project
- Worked on the core data transportation and persistence engine
- Mentored developers at software design best practices and improved teams engineering capabilities
- Researched and experimented with various new technologies and concepts

C#, NHibernate, WCF, LINQ, Microsoft AppFabric

Software Engineer

Nov 2005 - Dec 2009

- Participated in the development of an award winning strategic command and control system
- Improved performance of server side tree traversal algorithms

.NET 2.0, ADO.NET, WinForms, Oracle 10g

Education

Bar Ilan University

Tel-Aviv

Master of Business Administration (MBA)

2008-2011

Bachelor of Computer Science

2002-2005

Authorized to work in the US for any employer