Maksim Kuznetcov

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Experience

Senior Software Engineer, Checkout.com *(London)*, Feb 2023 – present
- Developing a platform for data scientists and payment experts to develop and deploy real-time payment optimisations. (Stack: **Golang, DynamoDB, Redis, gRPC**.)
- Worked with the platform users to improve development tooling and simplify deployment of new optimisations.
- Integrated the platform into Checkout's configuration infrastructure to simplify onboarding new merchants.
- Spun up new team members on the platform's architecture and internals.

Software Engineer, Stripe *(London)*, Jun 2021 – Dec 2022
- Built, expanded, and maintained integrations with financial partners to enable money movement for various Stripe products in the UK/EU markets. (Stack: **Ruby, Java, MongoDB, gRPC**.)
- Scoped, planned, and executed technical projects with other contributors and multiple internal and external stakeholders.
- Spun up and mentored new Stripe engineers. Gave internal talks about various aspects of financial partner integrations.

Software Engineer, OZON.ru *(Moscow)*, Mar 2021 – Jun 2021
- Maintained and built new features in backend services that enabled validation of product details provided by marketplace sellers. (Stack: **Golang, PostgreSQL, gRPC**.)

Software Engineer, Yandex *(Moscow)*, Jan 2017 – Dec 2019
- Designed, built, and maintained backend services for business and software development infrastructure. (Stack: **Python, Django, PostgreSQL, MongoDB, REST API**.)
- Improved performance, stability, and observability of large-scale distributed systems.

Software Engineer Intern, Intel *(Moscow)*, Jun 2011 – Jun 2013
- Contributed to AVX-512 support in GCC (**C**, **x86 assembly**); the patches have been accepted to GCC 4.9 in 2014.
- Implemented an AVX-512 specific optimisation in GCC resulted in 1% improvement on SPECfp benchmark.

Teaching

Introduction to Algorithms, Higher School of Economics *(Moscow)*, Jan 2017 – Jun 2020
- Gave lectures and seminars; designed homework assignments; conducted exams.
- Built an online platform (**Golang**) with auto-graded programming assignments for students.

Computer Architecture, University of Hertfordshire *(Hatfield, UK)*, Oct 2015 – May 2016

Education

University of Hertfordshire (UK), MSc by Research, Computer Science. , Jan 2014 – Jul 2016

Moscow Institute of Physics and Technology, BSc, Applied Mathematics and Physics. , Sep 2009 – Feb 2014