Igor Loskutov

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EXPERIENCE

- **DesignerAdvantage** — Newton, MA, US, Remote
  Frontend Developer — *2021 - 2022*
  - **CRM for interior design project companies frontend**: Helped them secure funding by speeding up development. Left codebase well maintainable and easy to build upon. Supervised and guided staff engineers. Although the project being a simple CRUD, challenges were tight time span to deliver and artifical API restrictions (Salesforce)

- **FiddleQuest LLC** — Rogue River, OR, US, Remote
  Lead Developer — *Dec 2014 - Present (retainer)*
  - **Violin teaching/learning app. React/Node.js/Meteor.js App (Typescript)**: The product I've made from scratch and evolved over the years, took the business to a new level. It's currently an integral part of their education process. Featuring realtime DB → UI updates done in performant and maintainable way. Billing with Stripe, subscription/discounts/coupon system, properly synchronized two-way with Webhooks
  - **React Native iOS/Android apps**: Cross-platform work with camera, video pre-encoding, secure upload to AWS S3, post-handling with AWS Transcoder
  - **HTML5 Game**: Core logic scripting, inventory / badges (achievements) / "points" for uploaded through the mobile app videos. Typescript, React.js, AWS (SQS, DynamoDB, Lambda, SNS), Docker

- **TheHireStreet** — London, UK, Remote
  Software Engineer — *Dec 2016 - Apr 2021*
  - **Java/Lombok (Dropwizard), Typescript (React)**: Rental system for catering businesses and individuals. Modernized the current Java/jQuery product (to React)

- **An Ethereum based Crypto DEX. Mostly NDA** — Remote
  Software Engineer — *Dec 2016 - Apr 2021*
  - **Frontend, React (JS), Redux**: Integrated Metamask and hardware wallets with their Ethereum contract. Charts

- **Danke Games** — Heidelberg, Germany, Remote
  Software Engineer — *Sep 2013 - Nov 2014*
  - **Yarnee, Instagram stories before they were a thing. Angular, DevOps**: I have made the app horisontally scalable with the AWS stack

- **Megaplan** — Moscow, Russia
  Software Engineer — *May 2012 - Feb 2013*
  - **Helpdesk development, Java/Scala**: I wrote them a helpdesk system integrated with development task management using Atlassian JIRA plugin system
  - **Custom Postgres Failover solution (Scala, Apache Zookeeper)**: Before Postgres had it as a feature

PROGRAMMING SKILLS

- **Backend**: Typescript (Node, various incl. Next.js, Meteor), Rails, Java (Dropwizard), and small-ish apps with Scala (Akka HTTP), Rust (Hyper). With SQL (Postgres, MySql, Oracle), Mongo, Redis, and Elastic Search for Data storage layer

- **Frontend and mobile**: Typescript-ed React (+React Native), Redux, Mobx, GraphQL/Apollo, Angular

- **Infra**: Jenkins (+Ansible), DigitalOcean Apps (+Docker), GitHub Actions, AWS (DynamoDB, SQS, Lambda/API Gateway), Heroku, RabbitMQ, Zookeeper

EDUCATION

- **Moscow Technological University & Toljatti Technical University** — Moscow & Toljatti, Russia
  Bachelor of Engineering in Computer Science — *2012 - 2016*