Aleksej Baryšnikov

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Professional Experience

Dustid — London, United Kingdom
Frontend Developer — 03/2025 - 08/2025

- Led project to migrate web app from Vue 2 to Vue 3 (composition API)
- Assisted in implementing a Shopfy integration using React JS
- Worked using the SCRUM Agile methodology

Unlocking Language — London, United Kingdom
App Development Intern — Spring 2023

- Utilised Figma to design a Wireframe for an interactive learning tool

Education

King's College London — London, United Kingdom
Data Science, MSc — 09/2025 - 09/2026

Queen Mary University of London — London, United Kingdom
Computer Science with Management, BSc

- Relevant Modules: Database Systems, Web Programming, Security Engineering, Distributed Systems, Software Engineering, Object Oriented Programming
- Grade: 1st Class degree

Projects

API Analytics Software — SaaS
React, Express, Node JS, PostgreSQL, Cloudflare, RabbitMQ, Docker

- Developed an API analytics platform that enabled developers to track real-time API insights, improving observability and debugging efficiency.
- Built an interactive dashboard with Recharts, delivering clear and actionable data visualizations for technical and business users.
- Engineered and deployed message queues with RabbitMQ, increasing system scalability and reliability under high-traffic conditions.

Android Privacy Data Tracking App — Undergraduate Dissertation
Java, Spring Boot, Kotlin, Retrofit/OkHTTP

- Developed an application to help non-technical users track security threats in Android applications
- Implemented a MVVM architecture using OOP principles
- Engineered a RESTful server using SpringBoot to run Taint Analysis processes

Med-Portal — Freelance Project
Golang, Gin, React, Typescript, PostgreSQL, GORM

- Developed a backend REST API to facilitate CRUD operations
- Engineered an Auth system with JWTs and robust middleware to achieve RBAC
- Implemented project using TDD with go-mock, testify and go-mocksql libraries resulting in a reduction of errors

Technical Skills

Laguages: Javascript, Typescript, Java, Kotlin, Golang, Python, SQL

Frameworks: React, Vue, Node JS, SpringBoot, Express, Django

Technologies: Docker, RabbitMQ, Git, Tailwind CSS, NoSQL Databases