

A full-stack developer with a wide range of experiences. I have been a **technical co-founder** of a successful **SaaS**, worked as a **Software Engineer at Microsoft**, and contributed to numerous **Open Source** projects.

## Education

**King's College London**, *BSc in Computer Science*

**London, United Kingdom**

- Graduated with a **First Class Honours**. 2019 - 2022
- Gained programming experience in **Java**, **AVR Assembly**, **C++**, **Ruby**, and **JavaScript**.

**Gimnazija Beograd**, Secondary School

**Ljubljana, Slovenia**

- Graduated with honours (**top 5%** of national graduating class). 2014 - 2018

## Professional Experience

**Optibase**, *Co-founder and Lead Developer*

**Remote**

- The sole technical co-founder of Optibase, the only native A/B Testing App for Webflow. 2023 - present
- I took Optibase from a blank repository to a system handling **millions of requests per day** and a database with **100s of millions of rows**.
- The parts that make up the system:
  - **NextJS** web app written in **Typescript** and **Tailwind CSS** deployed on **Vercel**.
  - **Amazon SQS** queues and **AWS Lambdas** deployed on **AWS** using **AWS SAM**.
  - **Postgres** database with a **Prisma** ORM deployed on **Neon**.
  - A native Webflow app written in **React** and **Typescript**.
- Learn more about it at: <https://www.optibase.io/>

**WrumerSound**, *Founder*

**Remote**

- Developed a device that simulates engine sounds through the car's speakers. 2022 - present
- Sold around **10,000 units (€400k revenue)** and am still doing around **€20k in monthly sales**.
- I wrote the Wrumer app in **React Native**.
- The wrumer device and app communicate over **Bluetooth** and **OBD2**, which I wrote a library for.
- Wrumer App also includes an audio engine written in **FMOD**.
- I graphed and analysed the data coming from the device using **Python**.
- Additionally, I found a manufacturer, organised distribution logistics, and designed, developed, and maintained the company's web store.
- Learn more about it at: <https://wrumersound.com/>

**Microsoft**, *Software Engineer*

**London, United Kingdom**

- Worked on the development and maintenance of **Microsoft Teams**. 2022 - 2023
- Extensively worked with **Java**, **Electron**, **JavaScript**, **TypeScript**, **React**, **CSS in JS**, and **ADO**.
- Wrote an automated build pipeline using **Docker** and **Azure Pipelines**.

**Beauty Labs**, *Front-end Developer*

**Remote**

- Implemented multiple video and text AI models into websites for various beauty brands. 2021 - 2022
- Extensively worked with **WebGL**, **Shopify**, **TypeScript**, **Node.js**, **Git**, **HTML**, and **React**.

**Amondo Ltd.**, *Full-stack web developer*

**Remote**

- Designed and built several web products using a **modern web stack**. 2018 - 2021
- Extensively worked with: **JavaScript**, **TypeScript**, **Babel**, **Webpack**, **React**, **CSS in JS**, **NodeJS**, REST APIs (**Express**, **CORS**), **GraphQL**, **Postgres**, **RabbitMQ**, Source Control (**Git**), Unit & E2E testing (**jest**, **puppeteer**, **cypress**), Continuous testing & deployment (**CircleCI**, **Heroku**, **AWS**).

# Open Source

---

## Yarn, Open Source Contributor

- Implemented an interactive search command that simplifies the way users find packages.
- One of the core JavaScript developer tools with over **60 million total downloads**.
- Core technologies/concepts used: **NodeJS, TypeScript**.
- Website: <https://yarnpkg.com>, the specific PR: [github.com/yarnpkg/berry/pull/1425](https://github.com/yarnpkg/berry/pull/1425).

## Other contributions (click on the link to see my PRs):

- [maticzav/emma-cli](#) (~1.1k stars, ~4.9k downloads total);
- [dotansimha/graphql-code-generator](#) (~3.5k stars, ~400k downloads per week);
- [algolia/npm-search](#) (~55 stars).

# Projects

---

## PhoneFly, Facebook Instant Game (down because of FB policy changes)

- Built a game with **75.000 unique users**, the objective of which is to throw your phone as high as possible.
- Developed an algorithm that determines the height of the throw based on the phone's internal sensors.
- Core technologies/concepts used: **HTML, CSS in JS, TypeScript, React**.
- Source code: [github.com/juresotosek/phonefly](https://github.com/juresotosek/phonefly).

## ActivityTracker, Slack App/SaaS

- A Slack app that allows you to track who and when is online in your Slack workspace.
- Core technologies/concepts used:
  - Front-end: **HTML, CSS in JS, TypeScript, ReactJS, NextJS**;
  - Back-end: **NodeJS** (Next.js), **Database** (Prisma, Postgres).
  - General: **Continuous testing & deployment** (CircleCI, Heroku)
- Website: <https://www.activitytracker.dev/>.

## meni.io, QR code menus

- **Co-founded** a company that builds digital menus for restaurants and bars.
- Built a **full-stack web solution** for creating and presenting QR Code menus that **served over 100k customers**.
- Core technologies/concepts used:
  - Front-end: **HTML, CSS in JS, TypeScript, ReactJS**;
  - Back-end: **NodeJS** (Next.js), **Database** (Prisma, Postgres).
  - General: **Continuous testing & deployment** (CircleCI, Vercel)

# Interests and Activities

---

I enjoy sports. In 2015, I was a Slovenian national champion in short-distance hurdling.