

Marko Sustarsic

Full-Stack JavaScript Developer
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Profile

I have a mindset of curiosity and attention to detail, which I have developed through years of experience as a programmer and scientist. I approach all problems with commitment and dedication, and hold myself responsible to deliver the best possible results for the client and the users. I am passionate about teaching and I am interested in using technology to tackle social and environmental problems.

I specialise in JavaScript technologies including **React, React Native, GraphQL and Node.js**, and I am always keen to learn new languages and frameworks.

Web Development Skills

- **Responsive front-end development** (JavaScript ES5, ES6+, HTML5, CSS3, SASS)
- **Single-page applications and state management** (React, Redux, Redux Sagas)
- **Mobile development** (React Native)
- **Component-based development** (Styled components, Storybook)
- **Data handling and manipulation** (Lodash, Immutable)
- **Client — API communication** (REST, GraphQL with Apollo, Prisma)
- **Back-end development** (Node.js, Express, Hapi, Apollo-server)
- **Databases** (MongoDB, PostgreSQL)
- **Server-side rendering** (Gatsby)
- **Test-driven development (TDD)** (Tape, Jest, Enzyme, Nightwatch, Travis)
- **Build tools** (Webpack, Babel)
- **Version control** (Git, GitHub, Bitbucket)
- **Deployment** (Heroku, Now)

Web Development and Programming Experience

Lead mentor @ FOUNDERS & CODERS

Mar 2019 — Apr 2019, Nazareth, Israel

Lead mentor at an 8-week full-stack JavaScript training programme. Led a talented cohort on a curriculum focused on test-driven development and software craftsmanship, and guided them through the creation of a series of MVPs.

Tech stack: JavaScript ES6+, HTML5, CSS3, React, Node.js, PostgreSQL, TDD, Tape

Full-stack developer @ NIGHT ZOOKEEPER

Feb 2018 — Feb 2019, London, UK

Full-stack developer at a BAFTA-awarded education technology start-up. Responsible for multiple core application features from concept design through to their full-stack implementation and deployment. Subsequently acted as the lead developer on a fully-featured greenfield project in collaboration with Sky, which powered the creation of an animated series by allowing users to draw, write and record in the browser.

Tech stack: JavaScript ES6+, React (Native), GraphQL, Node.js, MongoDB, PostgreSQL, Gatsby, Jest

JavaScript developer @ CANNES LIONS

Apr 2017 — Feb 2018, London, UK

Developed a complex platform for purchasing and managing festival passes, and streamlining communication between the customer and the festival. The platform brought in over £30 million of revenue to the business in 2017 alone. Also responsible for building and maintaining dynamic web apps (event schedules, time planners) used by tens of thousands of festival attendees prior to and during the events.

Tech stack: JavaScript ES6+, React, Redux (Sagas), Immutable, Sass, TDD, Jest, Tape

Full-stack developer @ OUTLANDISH

Feb 2017 — Apr 2017, London, UK

Developed a mobile-first web application to allow young homeless people to securely acquire the documents they need for their new tenancy agreements. Partnered with Yoti and was one of the first to implement and test their digital ID technology, thus helping them to develop it into the >1 million user platform it is today.

Tech stack: JavaScript ES6+, Node.js, Hapi, PostgreSQL, Materialize, Tape

Student and mentor @ FOUNDERS & CODERS

Oct 2016 — Feb 2017, London, UK

Collaborated with technical enthusiasts from various backgrounds on a 16-week intensive, project-based full-stack JavaScript web development course. Worked on a total of 9 team projects, and helped to design and deliver the curriculum for the subsequent cohort.

Tech stack: JavaScript ES6+, HTML5, CSS3, Node.js, Hapi, PostgreSQL, TDD, Tape

Researcher @ UNIVERSITY OF OXFORD

Oct 2011 — Dec 2015, Oxford, UK

Devised computer simulations to infer on the dynamics and function of a protein involved in DNA repair and thus prevention of cancer. Published work in internationally renowned scientific journals (available on LinkedIn).

Education

UNIVERSITY OF OXFORD

Oct 2011 — Dec 2015, Oxford, UK

DPhil Structural Biology (Outright pass)

UNIVERSITY OF OXFORD

Oct 2007 — Jun 2011, Oxford, UK

Master of Biochemistry (First-Class Degree)

GIMNAZIJA BEZIGRAD

Sep 2005 — Jun 2007, Ljubljana, Slovenia

International Baccalaureate (42/42)

Other interests

- Street artist and performer at LJUD, Slovenian street theatre collective
- Mindfulness practitioner and teacher, with 6 years of experience