

## WORK EXPERIENCE

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### FIVE

Frontend developer

Oct 2019 - Present

- NFTs marketplace

Development lead on the project. Set up server-side rendering and static site generation with Next.js in order to improve SEO score. Integrated payments with Stripe. Implemented Google login. Used *Next.js, TypeScript, Stripe, Redux*

- Real-time video call streaming app for celebrities

Implemented communication with the server using ActiveMQ message broker by leveraging STOMP protocol over websockets. Estimating feature development. Used *React, TypeScript, Redux Toolkit, Amazon Chime, ActiveMQ message broker, Twilio chat, Styled Components*.

- Stock investing and currency exchange platform

Implemented biometric authentication (Face ID / Touch ID) on iOS and Android. Automated app deployment to TestFlight by creating designated Bitrise workflows. Set up Sentry error tracking for multiple environments. Estimating new features development. Used *React Native, Javascript, React Navigation, Bitrise, TestFlight*.

- Virtual wallet and money transferring app

Set up Firebase push notifications. Implemented fingerprint scanner (Touch ID) and face recognition (Face ID) authentication on iOS and Android. Automated application deployment to TestFlight by creating designated Bitrise workflows. Used *React Native, Redux, Firebase (Push notifications), React Navigation, Bitrise, TestFlight*.

- Call-centre management portal

Created a real time chat for call centre agents. Set up cloud functions for sending out emails using AWS SES. Used *React, TypeScript, Redux, Firebase (Authentication, Firestore, Storage, Cloud functions), Redux Form, Styled Components*.

- Audiobook production platform

A year and a half long project where I started out as an intern and became a development lead. Mentoring two younger developers. Used *React, JavaScript, Redux, AWS (Cognito, Lambda functions, Lambda triggers, S3), Jenkins, Sendgrid, CSS Modules*.

Frontend Internship

Aug 2019 - Oct 2019

### University of Zagreb, Faculty of Electrical Engineering and Computing

Graduate teaching assistant

Oct 2018 - Feb 2019

- Advanced Algorithms and Data Structures

## PERSONAL PROJECTS

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Freelancing through my my own little company (micralis.com)

- Healthcare management portal - Used *GraphQL, Apollo, React.js*

Integration of GitHub and Basecamp

- Integration of Github and Basecamp using Octokit and Basecamp 3 API in .NET. Built on top of Azure Topic, Queue and Blob storage services. Communication performance boosted utilizing Protocol Buffers.

Jiraffe: Custom JetBrains platform plugin that logs JIRA for you

- Generate JIRA Tempo access token, specify how to extract the JIRA task code from the branch name and have the plugin track time spent on each branch/task and automatically log your Jira.

imdb-wannabe

- A little React Native project to demonstrate preferred tools and code conventions. *Used React Native, TypeScript, React Native Navigation, Redux Toolkit, Styled Components*

Attended Introduction to Java Programming Language elective course

- Among other apps, I developed a text editor with support for i18n, a tool for generating Newton fractals, a custom shell and a scientific calculator

## EDUCATION

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**University of Zagreb, Faculty of Electrical Engineering and Computing**

Master's degree in Computer Science

Sep 2017 – Jul 2019

- *Machine Learning, Advanced Algorithms and Data Structures, Object Oriented Programming, Advanced Operating Systems, Databases, Text Analysis and Retrieval*

Bachelor's degree in Computing

Sep 2014 – Jul 2017