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ABOUT

I'm a software engineer and a Computer Science Masters graduate passionate about creating software in a variety of domains, learning new things and making friends along the way.

WORK EXPERIENCE

FIVE
Frontend developer   Oct 2019 - Present

- Virtual wallet and money transferring app

  Implemented fingerprint scanner (Touch ID) and face recognition (Face ID) authentication on iOS and Android. Created a Bitrise workflow that uses Certificates and Provisioning profiles I created on clients' Apple account in an effort to automate deploying builds to TestFlight. Used React Native, JavaScript, Firebase (Push notifications), Bitrise, TestFlight.

- Call-centre management portal

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

- Audiobook production platform

  A year and a half long project where I started out as an intern and eventually became a development lead. I've been frequently communicating with clients and their own developers as well as mentoring two younger developers. Used React, JavaScript, AWS (Cognito, Lambda functions, Lambda triggers, S3), Sendgrid.

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

Attended Introduction to Java Programming Language elective course

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

Integration of Source Control Services with Project Collaboration Services

- 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.

Database and Web Application for Searching Freelance Computer Jobs

- built with Laravel PHP framework, Wampserver and MySQL

EDUCATION

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

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