Damjan Vučina

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WORK EXPERIENCE

FIVE

Frontend developer — Oct 2019 - Present

- Stock investing and currency exchange platform

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

- Virtual wallet and money transferring app

  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, JavaScript, Redux, Firebase (Push notifications), 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 eventually became a development lead. Mentoring two younger developers. *Used React, JavaScript, Redux, AWS (Cognito, Lambda functions, Lambda triggers, S3), 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

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 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

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