

Selcuk Toklucu

Hands-on, ever-curious software engineer with experience in a variety of technologies and a degree in MS-IT. I take a scientific approach to solving problems. I love to create, design and deliver the code for the best UX.

DEVELOPER EXPERIENCE

Sycamore Informatics Inc., Waltham, MA— *Full Stack Engineer*

MARCH 2020 – Present

I'm one of the developers of the Statistical Computing Environment platform at Sycamore, a multinational company. I'm aiming to deliver the most available test coverage for secure, scalable and maintainable enterprise software with CI/CD approach.

- Ruby on Rails, React, Flow, AMQP, TDD, Agile, CI/CD, Docker, Pusher.

Friendly Inc., Boston — *Junior Mobile Developer (Part-Time)*

SEPTEMBER 2019 – FEBRUARY 2020

I developed and refined Friendly's mobile application, *aloha*.

- React-Native, TypeScript, FP-TS, Redux, Node.js and Expo

Freelance Projects, Boston

AUGUST 2019 – SEPTEMBER 2019

Expo-Aloha: Innovative self-started Mobile application project, demonstrate exposure to work on a variety of platforms and consistently exceeding borders and vision in software development. Improving user authentication targeted in this project.

- React-Native, Expo, Redux, AWS Amplify, AWS Cognito

General Assembly, Boston — *Software Engineer In-Training*

MARCH 2019 – JUNE 2019

Software Engineering Immersive Program, includes 480+ hours of coding in a twelve-week period and **four software projects**:

Simply Traffic: Full Stack web application for displaying public areas and demonstrating nearby attractions and commuting information, i.e. live traffic data and estimated ride fee with Uber.

- React.JS, Ruby on Rails, AWS S3, Google Maps API, Uber API, PostgreSQL, ES6, Bootstrap and more!

Pic-Bucket: File storage web application for users to store their files into the cloud and access anywhere. Team of four, acted as team leader and designed RESTful APIs and integrating with the front-end. Used agile methodology in the development process.

- JavaScript, Node.JS, Express.JS, MongoDB, AWS S3, jQuery and more!

Southern New Hampshire University, Manchester — *Class Projects*

JANUARY 2017 – MARCH 2019

During Master of Science in IT program, created several class-level projects

POS Pizza Tracking system: A desktop application able to track pizza orders & drivers for a pizza shop, partnered with IV Adelpia Inc.

- C#, MS-SQL, .Net Framework

Mobile Application: An Android application for a POS system to notify clients and gather data from users. Featured with Google's mobile and web application platform Firebase. It provides Authentication, Database, and Data Storage for the app.

- Java, Firebase, Android

ADDITIONAL EXPERIENCE

Kırıkkale University, Kırıkkale, Turkey — Project Research Specialist

SEPTEMBER 2012 - JUNE 2015

Cell culture lab, preparation of samples for cell proliferation tests. Tracking and reporting results to the central research lab management and the client. Duties include researching and applying methods to the samples.

GREATER BOSTON AREA

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Green Card Holder

SKILLS

Ruby on Rails	TypeScript
React/React-Native	RSpec
Jest	Java
AMQP	jQuery /AJAX
Express.js	Node.js
Git/GitHub	Unix/Linux
Docker	SQL
AWS Cognito	AWS Amplify, S3

EDUCATION

Southern New Hampshire University, Manchester

M.S. Information Technology

JANUARY 2017 – MARCH 2019

Concentration in Software Development

Computer Systems Institute, Charlestown

Academic English Training

AUGUST 2015 – JANUARY 2017

One year of certification program

Kırıkkale University, Kırıkkale

M.S. Biology

SEPTEMBER 2012 – JUNE 2015

Thesis(Published): Production and In-Vitro Application of Chitosan Based Hydrogels for Hard Tissue Engineering

ACHIEVEMENTS

Google Certificates:

- Google Cloud Platform: Core Infrastructure
- Sys Admin and IT Infrastructure
- IT Security
- Operating systems
- Computer Networking
- Tech Support Fundamentals

INTERESTS

- Raspberry Pi Projects
- Electronic Hobby Projects
- The Outdoors
- Road Trips