Selcuk Toklucu

Hands-on, ever-curious software engineer with a background in scientific research and MS-IT. I take a scientific approach to solving problems. I love to create, design and code for the best UX.

GREATER BOSTON AREA

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DEVELOPER EXPERIENCE

Friendly Inc., Boston — Junior Mobile Developer (Part-Time)
SEPTEMBER 2019 – PRESENT
Development and refinement of Friendly's mobile application, Aloha.

> </> React Native, TypeScript, Redux, and Expo

Freelance Projects, Boston
AUGUST 2019 – PRESENT
Innovative self-started projects demonstrate exposure to work on a variety of platforms and consistently exceeding borders and vision in software development.

> **Expo-Aloha:** Mobile application, featured with React-Native, Expo, Redux and AWS Amplify for improved user authentication and game recording with API interactions.

> </> 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!

> **MyLists:** Full Stack web application allows the user to create their own task lists including steps and session management. Includes two Ruby on Rails resources featured with PostgreSQL

> </> Ruby on Rails, JavaScript, Handlebar.JS, PostgreSQL, SaSS, jQuery, CSS, Bootstrap

Southern New Hampshire University, Manchester — *Class Projects*
JANURY 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 Adelphia 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.

SKILLS

JavaScript	**TypeScript**
React/ React-Native	**Node.Js**
Express.js	**Redux**
MongoDB	**jQuery /AJAX**
Ruby on Rails	**SQL**
HTML5/ CSS3	**Expo**
Git/GitHub	**Unix/Linux**
Google Firebase Auth	**Google Firebase Real-time DB**
AWS Cognito	**AWS Amplify, S3**

EDUCATION

Southern New Hampshire University, Manchester
M.S. Information Technology
JANUARY 2017 – MARCH 2019

Concentration in Software Development

Kırıkkale University, Kırıkkale
M.S. Biology
SEPTEMBER 2012 – JUNE 2015

Thesis: 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