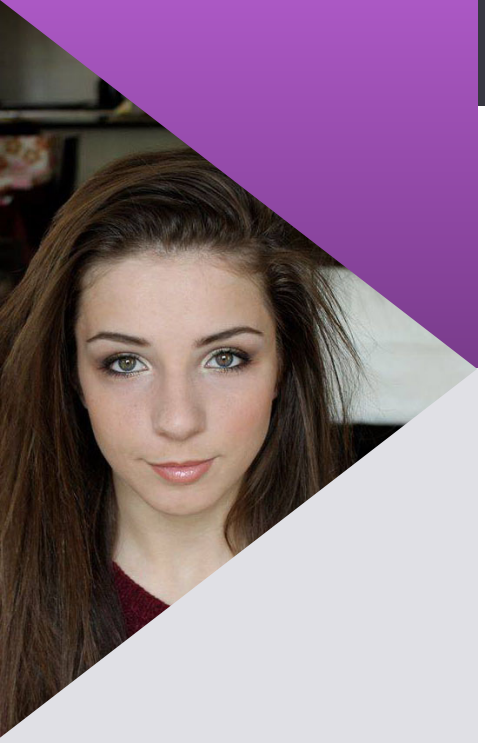

LINA RAGAUSKAITE

Full-Stack JavaScript Developer

CONTACTS

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LANGUAGES

English
Fluent

Russian
Fluent

Lithuanian
Native

German
Lower intermediate

EDUCATION

Coventry Univeristy
Computing BSc
2014 - 2018

Subjects studied:

- Full-stack development
- Programming, algorithms and data structures
- Computer architecture and networks
- Interactive pervasive computing
- Design for usability
- Agile development
- Intelligent agents
- Enterprise information systems
- German lower intermediate

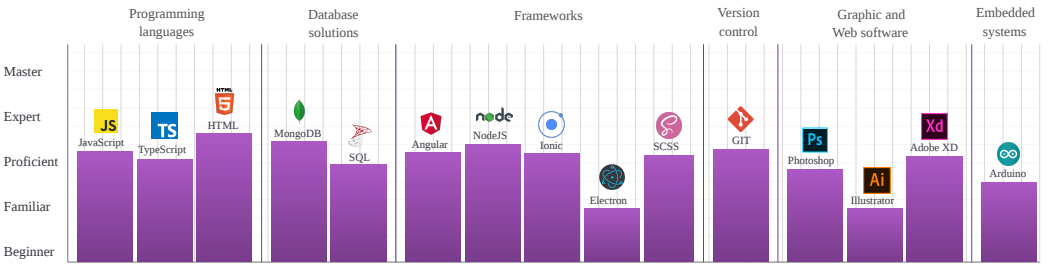
INTRODUCTION

Hi, I'm a passionate Software and Web Engineer. **Eager to learn**, **curious**, **determined** and **responsible** are four words that I believe describe me the best. I started programming from 10th grade and since then I realised that Software Engineering is something I would be thrilled to work on daily for the rest of my life. Initially, I was focusing on Software Engineering and took on placement as an **Undergraduate Software Engineer** in Sorion Ltd, automotive industry. However, during placement, over my free time, I gained a huge interest in Full-stack Development for both websites and mobile applications.

I enjoy working on personal projects at home and use **Angular**, **Ionic** and **NodeJS**. I love working on both sides of the spectrum, Front-end and Back-end, however, I feel that if I had to choose, Back-end would be my stronger side. Besides coding, I also like to work with graphic design software and pervasive systems. I'm also an active person and love outdoor and indoor activities.

I will be available to start work from the **1st of June** and I am looking for a **Full-stack or Back-end JavaScript developer** role in a 10-mile commute distance from **Sutton Coldfield**. Closer opportunities will be a priority.

SKILLS



PROJECT PORTFOLIO

Route Fox - Mobile Full-stack development

Dissertation project - a mobile travel recommender system, that generates route suggestions between 2+ points of interests, based on the user preferences such as visit length for every place, arrival and departure preferences, the priority of each place as well as preferred transport type. The mobile application also has a feature to live-track a saved route and warn the user if wandering off too far away from the selected path. The mobile application has been built using **Ionic 3** and the API has been built using **Node.js**. Application data is stored in a **MongoDB** database. For this project, **Google Maps**, **Directions** and **Places APIs** were used.

Environment monitoring system - API development and Embedded System support

Project for Agile development module - for this project I was assigned to a team of students with various skills, our goal was to develop a hardware box with **ESP8266** and various **environment monitoring sensors**, API connected to a database and a Front-end mobile application to allow access to environment data and sensor box information depending on user access level. I was responsible for developing the API, creating a database as well as providing support to hardware team. To build API I used **NodeJS**, and two communication protocols: **HTTP** for Front-end requests and **MQMT** for communication with the sensor box. For database solution, we agreed to use **MongoDB**. To perform unit testing **Jasmine** was used.

Events Map - Web Full-stack development

Project for Full-stack development module - a social platform that allows users to create events and search for existing ones depending on various filters as well as view comments, save or attend events. Project Front-end was developed with **Angular 4**, **Angular Flex-layout** and **Material**, as well as **Google Maps API** for map manipulation. For Back-end, I used **NodeJS** and **ExpressJS**. During the project, I learned to securely hash passwords and used **MongoDB** as a database solution.

Wireless lock system - Mobile Front-end and Embedded System developement

Project for Interactive pervasive computing module - a lock system with NFC tag reader, that is connected to a mobile application over Bluetooth. NFC tags were used to allow only authorized users to lock and unlock the locks, which were built using **Arduino** Uno microcontroller. A Bluetooth module was added to allow communication between the lock and a mobile application, built using **Ionic**, which was used to store authorized NFC tag ID's and synchronise data between multiple locks connected, as well as monitor lock states and see unauthorized access attempts.

RELEVANT EXPIERENCE

Undergraduate Software Engineer
Sorion Electronics Limited, Birmingham
Reported to System Director and Software Team Manager
Jun 2016 - Oct 2017 (1 yr 3 mos)

At Sorion Ltd my responsibilities were to develop and maintain new features to company's core product - Sextans-RT, which involved keeping up-to-date documentation, preparing presentations, participating in regular meetings and technical reviews, writing scripts and sometimes visiting customers site. I worked with C#.Net and VB.Net and helped the company transition from VB6. During the placement, I also gained experience with Subversion, TCP/IP, FTP, Serial ports and Microsoft SQL Server.

Some of the projects I have worked on include a **Pick-To-Light System** (a light-directed aid for the production line), a **Multi-Language Support Tool** for the Sextans-RT and a **Layered Image Editor**.