

LINA RAGAUSKAITE

Full-stack TypeScript Developer & DevOps Engineer

Last Updated: June 2021

INTRODUCTION

Eager to learn, curious, determined and **responsible** are four words that I believe describe me the best. I started programming in 10th grade and since then realised that Software Engineering is something I would be thrilled to work on daily. To this day Software Engineering is not only my job, but also one of my main hobbies.

I mostly work with **Angular**, **Node.js** and **Google Cloud Platform**, but full list of tech and tools I'm experienced with is far longer, which can be found in my portfolio. I enjoy working on all sides of the spectrum, **Front-end**, **Back-end** and **DevOps** however I would pick Back-end and DevOps work any day over Front-end, as I find it more interesting and in most cases more complex and challenging compared to Front-end. I **constantly work on improving my skills and knowledge** and enjoy learning new and better ways of solving problems and accomplishing tasks. As a result, with every personal project, I aim to include at least one feature/problem that will require a solution for which I will have to learn something new.

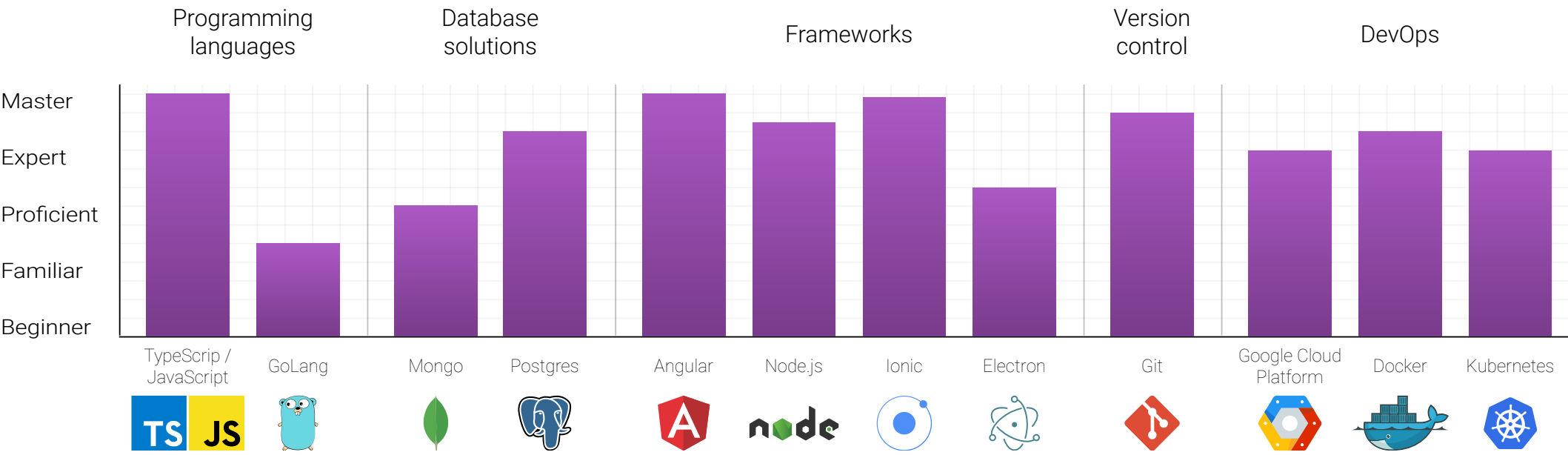
Additionally I sometimes like to work with graphic design, love playing around with electrical engineering and am planning to start learning ML. Besides coding related topics I'm an active person and love outdoor and indoor activities.

I work well both in teams and on my own and have experience working in various environments including **Agile**.

ROLE & AVAILABILITY

Currently I'm **not actively looking for new opportunities** as I'm focused and am working on personal projects and entrepreneur ideas.

MAIN SKILLS



FEATURED PERSONAL PROJECTS

Cursr (2021 - Present) - Founder, Full-stack JavaScript Engineer & DevOps

A **cross-platform Electron** application/utility tool to customise mouse transitions between screens available on Windows, Mac and list of Linux distributions. I started working on Cursr in order to solve annoyances when moving mouse between different resolution screens, without having to sacrifice screen resolution as other available solutions did not meet my expectations. Later the scope of project expanded to include more features for optimising use of mouse and keyboard in multiple monitor/computer setup.

Route Fox (2018 1st Quarter) - 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 (Angular 5)** 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.

RELEVANT EXPERIENCE



Director & Full-stack JavaScript Developer

Bitgapp, UK
Jun 2021 - Present

Bitgapp, founded by my partner, is a legal entity that now the two of us use for personal/entrepreneur projects. Reason for joining Bitgapp, instead of creating new legal entity for myself, was plan to collaborate on current and future projects which is easier under one company in terms of legal and financial aspects.



Full-stack JavaScript Developer

Geospatial Insight Limited, Coleshill
Reporting to Manager of Software, Analytics and Machine Learning
Jun 2018 - Dec 2020 (2 yrs 3 mos)

Working as part of the team developing tools used to display and manipulate a wide range of geospatial data collected from satellites, plane and drone imagery which is analysed by GSI Machine Learning team to produce insight into the collected data. Mostly used technologies for web app development were: **Angular**, **Node.js**, and **Postgres**; For hosting: **Google Cloud Platform (GCP)**, **Serverless** and **Kubernetes**; For continuous testing and deployment (CI/CD): **Gitlab CI**. During time at GSI I was working on full spectrum of developing and maintaining the core product Visual Intelligence Platform (VIP) and couple other projects. Some of the technical work highlights include:

- Proposed and implemented usage of Kubernetes and Serverless solutions for better scalability
- Building database architecture to store large and complex datasets, making various performance optimisations to modify, read and send/render it in the web UI for different use cases
- Implementing complex multilevel permissions/access control to data (RBAC)
- Creating custom script that can be used with any CI tool to test and deploy all apps and services within project
- Working with various 3rd party APIs used for interacting with services, platforms, social networks and geospatial data providers
- Doing system security audits

I've been helping to scope projects, review and set time estimates for projects, maintaining and creating tasks in Jira. Initially I joined a small developer team, after that for a while I was working mostly alone on the full stack web development projects, until new team was put together, for which I have assisted in hiring/interview processes and training/assisting both junior and experienced developers as well as helping them get up to speed with the projects.



Undergraduate Software Engineer

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

Responsible for development and maintenance of new features for the company's core product - Sextans-Rt. This involved keeping up-to-date documentation, preparing presentations, participating in regular meetings and technical reviews, writing scripts and sometimes visiting customers site. Projects were written in C#.Net/VB.Net and included the use of Subversion, TCP/IP, FTP 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**.

CONTACTS

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PORTFOLIO

Resume contains only information most relevant to potential opportunities, for full information related to my Software Engineering skills and experience, visit my portfolio.

www.lina.codes

LANGUAGES

- English
Fluent
- Russian
Fluent
- Lithuanian
Native
- German
Lower intermediate

EDUCATION



Coventry University
1st Class 'Computing' Bachelor of Science
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