

# MORGAN ZOLOB

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## EXPERIENCE

**OCTOBER 2019 – CURRENT**

**FULL-STACK WEB DEVELOPER, INGROOVES MUSIC GROUP**

Developing a marketing web application for record labels and artists, allowing them to upload and share assets, plan campaigns, and create ads for their releases. The main technologies used include React, TypeScript, Node, Go, .NET Core, Docker, GitLab, Rancher, and AWS S3.

**JANUARY 2016 – OCTOBER 2019**

**LEAD WEB DEVELOPER, UVIC BOOKSTORE**

E-commerce PHP web development using the Symfony framework and a MySQL database. GitLab for version control and issue tracking. Also work with Docker, Python (Django), and Apache.

**SEPTEMBER 2018 – DECEMBER 2018**

**FULL-STACK WEB DEVELOPER (CO-OP), INGROOVES MUSIC GROUP**

Developed a music CMS system using AngularJS, Webpack, Mocha, NPM, and several other JS libraries. Backend written in C# ASP.NET. Used Gerrit and JIRA to collaborate and manage tasks.

## EDUCATION

**SEPTEMBER 2014 – APRIL 2019**

**BACHELOR OF SOFTWARE ENGINEERING, UNIVERSITY OF VICTORIA**

## SKILLS

- **Languages:** JavaScript/TypeScript, CSS/SCSS, C#, Go, PHP, Java, Python, C, C++, Ruby
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite, Oracle DB
- **Version Control:** Git (GitHub, GitLab, Gerrit), SVN, TFVC
- **Libraries/Frameworks:** React, Angular, Vue, Express, Symfony, ASP.NET, Django
- **Software:** Docker, RabbitMQ, Rancher, AWS, NGINX, Apache, JIRA

## PROJECTS

- React web app for my mother (a teacher) to keep track of her student's work during COVID
- Motorized robot that shoots ping-pong balls into cups using a Raspberry Pi and OpenCV
- Snake AI for BattleSnake Hackathon; won second place in the 2017 beginner division
- Scalable stock trading system (fake stocks) using Docker, .NET Core, RabbitMQ, and PostgreSQL
- 3D printed RGB LED sunglasses with programmable patterns using Arduino
- Web-based, online multiplayer game of Go, with chat and tournament features
- Screenshot application written in C# that instantly uploads captures to the internet

*References Available Upon Request*