

# Zachary MacArthur

Software Engineer

## SUMMARY

Creative, detail-oriented, software developer with an interest in AI, Web3, and Open Source.  
Proven track record of creating and implementing successful front and back end web applications.

## WORK EXPERIENCE

### Full Stack Web Developer, Consultant | Montreal, QC

January 2022 — Present

Created full stack web applications and static websites for different clients across small and medium size businesses. Consulted on SEO and social media strategy.

#### Recent Projects:

- **Self-Hosted Media Player (Fullstack Web App, currently in production)**  
Custom interface that can connect to a self hosted media database remotely (using Docker).  
Intuitive features for playlist creation and organization, as well as a unique 'shuffle memory' function which creates and stores a history of playlist randomization
- **Cure (Web App & Brand Identity)**  
Designed and implemented an online presence for local Montreal music collective Cure.  
Built an online platform for promoting upcoming events, mailing lists, and handling ticket sales.
- **Notes (Fullstack Web App)** – Users can login to their profile and find their list of notes.  
They can add new notes through an input, which they can then edit or delete all notes in their profile.

### Software Developer at 100Devs | Remote

October 2020 — 2022

- After completing a 30-week training program, began to collaborate with a team of developers to build modern and responsive web applications using best practices
- Built semantically structured full stack web applications
- Applied agile methodologies like SCRUM for project management

### E-commerce Stylist at Ssense | Montreal, QC

September 2017 — May 2020

- Producing product content for the Ssense e-commerce website
- Working cross-functionally with photographers, copywriters, and developers to add daily updates to the expanding list of products and brands
- Training new team members as the company experienced a period of rapid growth

## VOLUNTEERING

### The Internet Archive: Open Library Developer | Remote

March 2022 — Present

Contributing to the Internet Archive's Open Library codebase. Testing and closing issues posted in the Open Library Github repo.

### Urbit, Hoon Academy | Remote

April 2024 — Present

Completed Urbit's Hoon Academy training program and contributed to open projects such as Urbit's grant program.

## CONTACT

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<https://www.linkedin.com/in/zachary-macarthur/>

[zachary-macarthur/](https://github.com/Zachary-MacArthur)

<https://github.com/Zachary-MacArthur>

## SKILLS

HTML5

CSS / Tailwind

Javascript

React

React Native

Node.js

Express.js

Next.js

Docker

MongoDB

PostgreSQL

OOP

Git

RESTful APIs

Web Accessibility

MaxMSP

## EDUCATION

### Concordia University

2012 - 2016

Bachelor of Fine Arts,

Major in Intermedia /

Cyberarts, Minor in

Electroacoustics.