

Zachary McKenna

Software Engineer

Contact

Email

zackmckenna@gmail.com

Phone

(908) 698-1556

Website

zackmckenna.com

About

Zack hails from Philadelphia. He has a background as a Sound/Projection Designer and Engineer in the theater industry, and enjoys rock climbing, biking and boardgames.

Profiles

LinkedIn

[Zack McKenna](#)

SoundCloud

[zmckenna](#)

Github

[zackmckenna](#)

Work

Comcast

Feb 2021 – Invalid Date

Software Engineer 2

corporate.comcast.com

Build and create applications to help engineers manage Comcast's network infrastructure.

Highlights

- Built a serverless application that runs tests on all modems in Comcast's network to determine Docsis 3.1 capabilities and identify potential network interference
- Built an automation tool/API to automate the process of generating infrastructure in Sunbird DCIM
- Created robust integration tests to run daily and ensure iHat was running as intended.

Prosoft Clinical

Dec 2020 – Feb 2022

Frontend Developer

prosoftclinical.com

Worked on a digital document input overlay engine in order to allow digital data input for PDF documents.

Highlights

- Built out the interface for users to overlay html inputs over pre existing PDF documents.
- Required complex x/y positioning and scaling code to ensure that inputs scaled correctly with document when windows were resized.
- Handled complicated application state in Vue to keep track of a large amount of inputs and input conditions.

Zero Projects

Sep 2020 – Dec 2020

Software Developer

www.zeroprojects.ca

Developed an api for a client in order to consolidate, store and organize social media data for clients

Highlights

- Created a workflow to pull data from twitter, facebook and instagram API's, cache/organize it, and present it to the frontend developer.
- Generated data points and analytics from the data, like correlating page views and likes with frequency of posts.

Urality

Nov 2020 – Dec 2020

Frontend Developer

www.urality.com

Worked on the frontend React client. Focused on optimizing load and rendering times. Converted designs from UX/UI engineer to code.

Highlights

- optimized and fixed issues related to misuse of React hooks and rendering lifecycle.
- Handled tickets related to React client.
- Converted website from a slow Wordpress site to a speedy Gatsby site delivered via CDN using Netlify. So fast!

Education

Arcadia Univesity

Sep 2009 – May 2013

Communications/Philosophy

www.arcadia.edu

Bachelor

Projects

iHat

Jun 2022 – Nov 2022

Team lead, Developer, Top Contributor at Comcast

The In Home Assesment Test

Highlights

- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and

Javascript

Awards

KCACTF National Award In Sound Design

Jun 2013

Awarded by KCACTF

Award for sound design and music compositon for Alive!

Publications

Simplifying Step Functions

Jun 2022

Published by SST

youtu.be/6FzLjpMYcu8?t=4342

Simplifying AWS Step Functions using SST and AWS CDK

Skills

Node Application Development

Node.js Javascript

Frontend Development

React HTML CSS

AWS Services

AWS Serverless CDK

Languages

English

Native speaker

Interests

Rock Climbing

Sport Bouldering

Boardgames

Deckbuilders Social Deduction

Video Games

Overwatch Slay the Spire

Satisfactory