
Owen Adrian

Full Stack Developer

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Links:

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- github.com/Akrivus
- akriv.us

SKILLS

Developing accessible and easy-to-use web applications and APIs in Rails.

Moderate level of comfort working with a wide range of stacks and frameworks including MERN, Node, .NET, and Sinatra.

Optimizing and scaling codebases and ensuring data security with automated testing, static code analysis and penetration testing.

Databases; Postgres, MySQL, MongoDB.

EXPERIENCE

VisualLive Full Stack Developer

MARCH 2020 - PRESENT

- Optimized application response times by upwards of 84% using profiling tools such as Scout APM and programming concepts like encapsulation and single-responsibility principle.
- Designed a secure and efficient RESTful web service in Rails.
- Scaled application to handle upwards of 14,000 daily requests with modular controllers and parallel tasks.
- Implemented automated unit testing, static code analysis, and vulnerability checks in deployment pipeline.

OCO Full Stack Developer

SEPTEMBER 2017 - MARCH 2020

- Engineered minimum viable product single-handedly in Ruby on Rails.
- Integrated third party APIs such as Twilio and Stripe.
- Managed client wants and needs and prioritized customer security with static code analysis tools such as Brakeman.
- Used machine learning to predict customer trends with up to 70% accuracy and produce a more intuitive user experience.

Packet Layer Web Intern

AUGUST 2017 - DECEMBER 2017

- Designed product login page and authentication in PHP and HTML.

EDUCATION

Northland Career and Professional Studies Technical Solutions

AUGUST 2017 - MAY 2018

Attended a career readiness program for students in the Kansas City area.

Liberty North High School High School Diploma

AUGUST 2014 - MAY 2018

Participated in Robotics and Tech Student Association.

AWARDS

20under20 Innovator Award Liberty Chamber of Commerce

FEBRUARY 2019

Won for starting an app development company after graduating high school.

20under20 Innovator Award Liberty Chamber of Commerce

FEBRUARY 2018

Won for developing a mobile order and pick-up app for a local coffeeshop.

HackEDkc Liberty Public Schools

OCTOBER 2017

Won against 9 other teams by prototyping a crisis response plan app in Ionic.

PROJECTS

RESTfulCraft

DECEMBER 2019 - MAY 2020

Utilized Spark to create an integrated web service within a Minecraft instance that allowed users to manipulate blocks using HTTP requests.

MobiMenu

AUGUST 2019

Serverless media display solution using a Raspberry Pi and mDNS server to display a still image to a frame buffer for menus and kiosks.

Pigeon

AUGUST 2017 - AUGUST 2018

Augmentative alternative communication system built in C# for non-verbal individuals that utilizes a stochastic finite state automata to arrange options based on the statement the user is currently formulating.