

Karsten Rabe

Karstenrabe.dev

TECHNICAL

Skills:

- 4+ years experience with JavaScript, jQuery, HTML5, CSS3, Debian-based Linux environments, Apache, bash scripting, MySQL, Object Oriented design
- 1+ years experience with the MERN stack; Node.js, Express, MongoDB, Mongoose, React, JSX, Angular, Typescript, RESTful services and APIs

Tools:

- VS Code, Git, Robo3t, Postman / Insomnia, Unix-like shell environments, Nano, VIM, Chrome console
-

WORK EXPERIENCE

[Raven's Eye Solutions](#) | Co-Owner, Lead Developer, Project Manager

April 2019 - Present

- Manager of a small developer team
- Platform design and architecture

[Trilogy Education Services](#) | Teaching Assistant, Morrisville, NC

November 2018, Present

- Teach classes on algorithms and data structures, searching and sorting, time complexity, heaps, stacks, and queues, MySQL
- Help students debug projects using the browser console, server logs, documentation and stack overflow
- Responsible for grading students' homework assignments

[Freelance Web Development](#) | Full-Stack Engineer - [Portfolio](#)

2018 - Present

- Development of interactive web applications using modern, cutting edge web technologies
- Meaningful semantic markup and mobile-first design using modern CSS frameworks

[United States Peace Corps](#) | Volunteer IT Consultant, Benin, West Africa

June 2015 - Sept 2017

- Responsible for mobile app development for data collection, support for hardware and software issues and malware removal
-

EDUCATION

[UNC Coding Bootcamp](#)

June - November 2018

- Certification in Full-Stack web development. A+ GPA
- *HTML/CSS, JavaScript, Bootstrap, jQuery, Ajax, Git, NodeJS, Express, MySQL, Sequelize, MongoDB, Mongoose, React, Angular, Handlebars*

[The University of North Carolina at Chapel Hill](#) | Chapel Hill, NC

May 2014

- Bachelor of Arts in Global Studies, Minor in French
- 2013 - President of the UNC French Club

[French - Full Professional Proficiency](#)

- State Department 'Superior' rating (ILR: 4, CEFR: C2)
-

PROJECTS

[AMPHORA](#)

In Development

- A light-weight, open-source Pandora web client based on the Linux Pandora client [Pithos](#)
Technologies: MERN Stack, Passport.js, Bootstrap 4, Axios, Flexbox, HTML5 audio

[RUN AMOK MEAD APP](#)

March 2019

- A custom, robust data collection tool for Run Amok meadery
- Enables Run Amok meadery to achieve greater efficiency through digital data collection
Technologies: MERN Stack, Material UI, REST-like API, Mongoose, Passport.js, Babel, Webpack, nodemailer

More Recent and Bootcamp related projects on my [PORTFOLIO](#)