

KEITH POTEMPA

SOFTWARE DEVELOPER



ABOUT

I've always had a passion for exploring and building complex mental models. What started with investigating DOS commands to install games built into a 4+ year career solving technical problems in Help Desk and SysAdmin roles. The thrill of automating tasks with Bash scripts got me interested in looking into coding. After taking some months of lessons on Treehouse, I was hooked, and decided to apply to Nashville Software School.

With an MFA in Creative Writing, I have extensively studied, implemented, and taught courses on a highly structured approach to the art of writing a novel. My creative and analytic sides are never happier than when I'm submersed in the depths of a massive complex project.

DEVELOPER SKILLS

FRONT-END

React
JavaScript
TypeScript
JSX
NPM
JSON Server
HTML5
CSS3
Firebase

BACK-END

Python
Django
SQL
GraphQL
Hasura
REST API
AWS
Windows Server
Linux Server

TECHNICAL EXPERIENCE

Software Engineer Intern

SPLOR | Jun 2020 - Aug 2020

Part-time fully remote internship with an early-stage startup making a travel and trip-planning web app.

- Front end stack: React, TypeScript, Apollo, Material UI
- Back end stack: GraphQL, Hasura
- Resolving bug issue tickets related to styling and React components functionality
- Creating new enhancement features utilizing the full-stack

Software Developer

Nashville Software School | Jan 2020 - June 2020

Full-time six month intensive program learning front-to-back-end web development.

- Built RESTful APIs in Django and Python that utilize url routing, HTTP query parameters, testing with unittest, and user authentication with authtoken
- Built full-stack web-apps with Django and Python with the Model View Template approach
- Utilized Python to create CLIs with classes, interface classes, multiple inheritance, decorators, and try/except blocks
- Built dynamic, reactive single-page applications using React and JSX; utilizing routing, views, props., and state with hooks
- Styling experience with Bootstrap, Semantic UI, Material UI, and CSS
- Retrieving and manipulating data from SQL databases with ORM and SQL queries
- Utilizing JavaScript and HTML to render to the DOM information pulled from APIs
- CRUD functionality on persistent data through HTTP Methods triggered by user actions
- Individual and group projects completed using GitHub, Scrum workflow, retrospectives and demonstrations
- Completely remote workflow for 4 months

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PROJECTS

FATE CHARACTER CODEX

<https://github.com/keithrpotempa/fate-character-codex>

For my front-end capstone project at NSS, I built a React app for creating characters in a favorite tabletop roleplaying game of mine, Fate Core. I was excited to experiment with technologies not covered in class: including Semantic UI React, pagination, and multi-step forms.

BANGAZON ECOMMERCE

<https://github.com/nss-day-cohort-38/bangazon-e-commerce-web-app-iris-station>

Bangazon eCommerce is a group-project full-stack web app. It's front-end is written in React, and its back-end is a RESTful API written in Python, Django, and SQLite. It has full CRUD functionality across several interconnected data sets. Users can create products with uploaded images, add products to their carts, and checkout.

EDUCATION

Nashville Software School

Web Development Bootcamp
Jan 2020 - July 2020

M.F.A. in Creative Writing

University of Southern Maine
June 2010 - Aug 2012

B.A. in Fiction Writing

Columbia College Chicago
Aug 2004 - July 2006

TECHNICAL EXPERIENCE (CONTINUED)

Dedicated Support

TekLinks (now part of C Spire) | April 2016 - November 2016

TekLinks was a nationally recognized IT solutions company providing managed services, cloud services, and value-added resale to businesses throughout the southern US.

- Served as an on-site, leased employee, for client company Patient Focus (a healthcare billing call center) solving problems ranging from **Help Desk** through **SysAdmin tier I**
- Administered user permissions on Active Directory, Exchange, Office 365, and PGP Symantec Encryption Management Server
- Troubleshooting to resolution or ticket escalation for issues related to networking, **local and AWS servers (Windows Server 2010-2012, Amazon Linux AMI)**
- Emergency response to outages and server crashes
- **Ticket management** with ConnectWise
- **Remote Monitoring and Management** with Lab Tech
- **Light AWS deployment and configuration responsibilities** including EC2 servers, S3 buckets, and Glacier backups

Technical Support

Rubicon | April 2010 - September 2012

*Rubicon is a home healthcare company building their own in-house web-based EMR suited for home health. **Their user environments and servers were almost entirely Linux-based.***

- Provided local and remote help desk support for 200+ users, troubleshooting all issues related to hardware, software, printers, networking, phones (Asterisk VoIP)
- Routine software maintenance and troubleshooting of desktops and servers via **SSH and Linux terminal**
- Edited and published changes to internal policies, manuals, and forms (**with Python-based Sphinx**)
- In-service training for staff (RN, LPN, clerical) on any major updates to EHR software
- Tracked issues and projects with **ticket tracking system** (Trac)