

Experience

Full Stack Developer

May 2022 – Dec 2022

- Cyberdyne Systems
- Implemented peer-to-peer tip jar payment processing and an animated avatar system, boosting user experience and platform monetization.
 - Maintained a full stack online social forum used by thousands of users using PHP, AngularJS, and Flutter, driving increased reliability and user engagement.

Cloud Infrastructure Administrator

May 2021 – Aug 2021

- Acme Corporation, Summer Co-Op
- Automated VM audit process using PowerShell script and VMWare API, resulting in efficient classification and tracking of thousands of VMs.
 - Developed web-based interface in JavaScript for drafting and sending emails, improving accuracy of VM usage data and saving company resources.

Systems Engineer

Feb 2015 – May 2019

- Roblox, Independent Contractor
- Achieved 7th top earning experience with 6,558 peak concurrent users, 12 million visits, and an online community of over 300,000 followers.
 - Implemented among first cross-platform user management systems, tracking over 600,000 users across Discord, Roblox, and TeamSpeak 3 for improved engagement and player analytics.
 - Developed with a centralized MySQL database, backend systems in PHP and NodeJS, user-facing experiences in Lua, hosted on DigitalOcean with end-to-end security and maximal uptime.

Projects

Hackathon

Feb 2023

- Designed monorepo containing server, staff management portal, and UI library with reusable logical components and separated styling from logical code in annual websites using NextJS.
- Maintained tRPC v10 with custom routes and context functions for improved separation of concerns and streamlined database queries.

Capstone Project

May 2022

- Led team using the SCRUM process in the development of a CMS that facilitated an organized event, such as a conference or hackathon.
- Implemented ticket system, schedule of events, user registration, data exports, and a fully-customizable frontend for stakeholders.
- Documented process with detailed writeups and diagrams, including an extensive final report and user guide.

Club Website

May 2021

- Designed a new website that utilized Club's latest branding.
- Implemented additional features such as a mailing list, short URL redirects, and an alumni page to keep track of previous club officers.

Education

Bachelor of Science in Computer Science

State University

Magna Cum Laude

Dec 2022

3.82 GPA

Club President

2020 – 2022

- Club Name, Hackathon Name
- Organized annual hackathon, led website development, managed club outreach, and taught lessons on programming at weekly meetings.

Skills

JS	JavaScript	Expert	<div></div>
TS	TypeScript	Advanced	<div></div>
JS	Node.js	Advanced	<div></div>
N	Next.js	Advanced	<div></div>
	React	Advanced	<div></div>
V	Vue.js	Proficient	<div></div>
A	Angular	Adept	<div></div>

Languages

TypeScript, JavaScript, HTML5, CSS, Sass, Lua, C#, C++, PHP, Bash, PowerShell, Python

Software & Frameworks

Angular, Docker, Electron, Express, Git, GraphQL, HTML, Linux, MongoDB, MySQL, Next.js, NGINX, Node.js, React, tRPC, Turborepo, Vue.js

Tasks & Workflows

Automation, AWS, CI/CD, Cloud Servers, DigitalOcean, Full Stack, Website Design

Professional & Soft Skills

Adaptable, Attention to detail, Collaboration, Creative, Decision-making, Flexible, Innovative, Problem-solving

Honors & Awards

Dean's List	2019 – 2022
State University	
Honors College Scholar	2019 – 2022
State University	
4 th Place - National Finalist	2019
Website Design Competition; City, US	
5 th Place - National Finalist	2018
Website Design Competition; City, US	