

Chris Thornburg

FULL STACK SOFTWARE ENGINEER

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Skills

LANGUAGES: JS, Python, HTML, CSS, BigFix Action & Relevance **DATABASES:** PostgreSQL, Sqlite3, MongoDB
FRAMEWORKS/Tools: React, Redux, Bootstrap, GIT, AWS, Express, Flask, Sequelize, Docker, Hugo, Gimp, Trello, Figma
Key Skills: Pair Programming, Test-Driven dev (TDD), Object Oriented Program (OOP), Scrum Methodologies

WORK EXPERIENCE

Federal Working Group >> *Desktop Engineer* > Washington, DC

February 2019 – Current

- Develop, test, and deploy Bigfix packages using proprietary script and Relevance language to remediate application vulnerabilities and perform standard computer health tasks.
- Fulfill ~100 non-standard software Service Now request tickets weekly via several tools, including BigFix, Microsoft System Center Configuration Manager, SCCM Reporting tools, Psexec, & Active Directory.
- Developed and composed weekly and monthly vulnerability reports for workstations across the enterprise using Qualys reporting tool.
- Provided Tier 3 level technical support for all client workstations by analyzing logs, conducting research, and triaging issues.
- Executed executive technical support to executive workstations and users allowed limited to no downtime.

Digital iBiz inc >> *Chantilly, VA*

Lead Tier 2 desktop technician

April 2017 – January 2019

Tier 2 desktop technician

February 2016 – April 2017

- Directed the deployment of enterprise-wide installation of over 5,000 Windows 10 workstations.
- Coordinated the logistics via ServiceNow and spreadsheets to create and ship 160 Windows workstations per week in accordance with the milestones.
- Developed Word and Powerpoint based training materials such as Standard Operating Procedures and trained 8 new employees on installation process, Active Directory, and SCCM.

Defund Nova Police >> JS, EJS, Express, Bootstrap, Google Forms, CSS3, HTML5, Heroku, Figma, Trello

[GitHub](#) > [Live](#)

- Built and designed educational website for intuitive user flow to integrated Google forms
- Integrated interactive logic based flowchart to direct users to website resources.

Green New Schools >> JS, Hugo, CSS3, HTML5, Figma, Trello

[Live](#)

- Utilized a Trello board for real-time bug tracking and promptly implemented bug fixes as they were reported.
- Deployed Hugo based site, following figma made design created by UX designer to allow easier access to accurate information about the campaign and legislation.

Pro Act Site >> Wordpress, ElementorPro, Lighthouse, Google Forms, Google Maps, CSS3

[Live](#)

- Successfully designed and launched a multi-page WordPress + Elementor website in under a week, demonstrating rapid acquisition of WordPress skills without prior experience.
- Utilized both Lighthouse and built-in WordPress SEO tools to improve the stability and longevity of the site.
- Integrated Google Maps API to display protest events from across the country to allow greater access to information for prospective members and organizers.

PROJECT EXPERIENCE

ButterFingers >> React, Redux, Recharts, Flask, ASLAlchemy, PostgreSQL, AWS 3, Render

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- Utilized Recharts and React hooks to implement responsive typing games and up to date charts allowing for users to receive feedback and stats on their typing skill progression.
- Integrated advanced filtering and conditional rendering to construct a friend system allowing users to find friends and interact with other users.
- Integrated front-loading store for users, texts, and score cards which enabled a fast and seamless gameplay experience.

- Connected the Flask back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.

Edgy >> React, Redux, Flask, SQLAlchemy, PostgreSQL, Render

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- Harnessed React and Redux to build page review components allowing users to edit or delete reviews on page without navigation or module.
- Managed favoriting, leaving reviews and shopping cart CRUD through custom transactional database operations using Flask and PostgreSQL allowing users to have long term memory of favorites and shopping cart.

Apex Friends >> JS, EJS, Axios, Express, Bootstrap, CSS3, HTML5, Heroku

[GitHub](#) > [Live](#)

- Utilized Axios to fetch data from 3rd party api player/user data and display dynamically for the users.
- Implemented custom search with error handling so users can search their own or other players stats.

EDUCATION

MARY WASHINGTON UNIVERSITY >> *Bachelor of Science in Biology*

2017

APP ACADEMY >> Full Stack Web Development

Completed Sept 2023

egghead.io >> [Epic React](#) by Kent C. Dodds

Completed 2022

Udemy >> [The Complete 2021 Web Development Bootcamp](#)

Completed 2021