Chris Thornburg
FULL STACK SOFTWARE ENGINEER

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SKILLS

LANGUAGES: JS & TS, Python, HTML, CSS, BigFix Action & Relevance   **DATABASES:** PostgreSQL, Sqlite3, MongoDB
FRAMEWORKS/Tools: React, Redux, NextJs, React Testing Library, a11y, i18n translations, Tailwind, MaterialUI, Node.js, SonarQube, Jenkins, Playwright, Express, Microservices, GIT including hub & bucket, Jia, Confluence, QAcomplete, AWS, Sequelize, Docker, Flask, Bootstrap, Mocha

EXPERIENCE

Ellucian >> *Software Engineer Intern* > Reston, VA   **March 2024 – Aug 2024**
- Developed production level feature from end-to-end for **React** front-end in coordination with co-intern, including research spike, module testing with **RTL** and **a11y** (accessibility). Feature allows users to upload one to multiple attachment files to be added to email in Ellucian Data Connect workflow
- Managed and completed tasks for both frontend and microservice architecture backend with internal node module
- Utilizing internal style guides to ensure code and UI consistency throughout all of Ellucian's products using **Tailwind** and **MaterialUI**
- Maintained quality of code through the utilization of **Jenkins** auto deployments and **SonarQube** ensuring at least 80% test coverage and no fatal errors in code readability, setting up manual and automation testing through **QAcomplete** and Playwright to ensure long term integrity of code base
- Worked within an Agile framework and contributed to Agile ceremonies and **JIRA** ticket management

Federal Working Group >> *Desktop Engineer* > Washington, DC   **February 2019 – March 2024**
- 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.

Digital iBiz inc >> Chantilly, VA
Lead Tier 2 Desktop Technician   **April 2018 – January 2019**
Tier 2 Desktop Technician

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PROJECT EXPERIENCE

ButterFingers >> React, Redux, Recharts, Flask, ASLAlchemy, PostgreSQL, AWS 3, Render   **[GitHub](#)** > **[Live](#)**
- Utilized Recharts and React hooks to implement responsive typing game 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   **[GitHub](#)** > **[Live](#)**
- 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.

EDUCATION

APP ACADEMY Full Stack Web Development   **Mar - Sept 2023**
Udemy: [The Complete 2021 Web Development Bootcamp](#)   **2021**
University of Mary Washington: *Bachelor of Science in Biology*   **2017**