

Tyler Jennings

Fullstack Developer

<https://www.tylerjenningsw.com/>

LinkedIn: <https://linkedin.com/in/tylerjenningsw/>

Email: tylerjenningsw@gmail.com

GitHub: <https://github.com/TylerJenningsW>

Number: 331-575-1424

SKILLS

Programming Languages: C++, C#, C, TypeScript, JavaScript, Java, HTML, CSS, Python, SQL
Tools/Technologies: WPF, WinForms, Node.js, React.js, Redux toolkit, Next.js, Express, Prisma, MUI, Firebase, Visual Studio, VS Code, GitHub, Android Studio, Heroku, Docker, Shadcn UI, Google Cloud Storage, Trello, Jira, REST APIs, LEMP, WordPress, PANDAS, Numpy, Matplotlib, Springboot, Bootstrap, Vite, Jhipster, IntelliJ, AWS S3, CloudFront, Cognito, EC2.

Soft Skills: Problem solving, Communication, Attention to Detail, Empathy

EXPERIENCE

DocuGuardian – Fullstack Developer Intern **2024**

- Implemented Java Spring Boot restful APIs to perform CRUD operations on MySQL database
- Suggested & Implemented Google Maps API to autofill information for over 11,000 users.
- Assessed, identified, and resolved performance issues resulting in a 57% speed increase.
- Utilized research and debugging techniques such as payload assessment to resolve AWS S3, CloudFront, and Cognito issues.

PROJECTS

Video Uploader – Fullstack Developer **May 2024**

- Implemented frontend for opening and viewing videos using Next.js.
- Implemented backend video processing using ffmpeg, Express, and Google Cloud.
- Utilized docker containerization to host API endpoints for processing and retrieving videos, also to host the front end via Artifacts.
- Implemented Firebase functions to create and authorize users for uploading.

Document Sift Tool – React Developer **December 2023**

- Expedites research for up to 20,000 Associates at a large IT research firm.
- Extension utilized React internationalization to support 19 different languages.
- Implemented Redux toolkit for seamless state retention across datasets.
- Implemented MUI table to display, filter, and sort parsed data with an option to export to CSV.

Time Management App – React Developer **November 2023**

- Implemented a time management application using next.js, typescript, and Google APIs.
- Added authorization using OAuth 2.0 using NextAuth and JWT.
- The application is wired front to back using type safe API routes via tRPC.
- Implemented Stripe API for payment processing.

Inventory Management System – Android Developer **January 2023**

- Managed warehouse inventories using barcodes, XML layouts, and NoSQL via Firebase.
- Supports up to 20,000 items across multiple inventories.

EDUCATION

Full Sail University **September 2021 - October 2024**

Bachelor of Science, Computer Science - GPA: 3.89

Certifications: [Introduction to User Experience Design](#), [SQL Essential Training](#)