

# Tyler Jennings

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## SKILLS

Programming Languages: C++, C#, C, TypeScript, JavaScript, Java, PHP, 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, Spring Boot, Bootstrap, Vite, Jhipster, IntelliJ, AWS S3, CloudFront, Cognito, EC2, Terraform, Linux, Ubuntu, PulseAudio, Claude, Gemini, OpenAI, Cursor, Drizzle, Vitest, Yarn, Cloudflare  
Soft Skills: Problem solving, Communication, Attention to Detail, Empathy, Punctual

## EXPERIENCE

### Full Stack Developer

July 2024 - September 2024

*DocuGuardian - Remote*

- Implemented Java Spring Boot RESTful APIs to perform CRUD operations on MySQL database
- Suggested & Implemented Google Maps API to auto-fill 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
- Identified key accessibility issues regarding contrasting colors that did not meet WCAG minimum standards of 4.5:1

## PROJECTS

### Full Stack Developer

June 2024 - October 2024

*ApplicantsFirst - Remote*

- Implemented robust authentication using http cookies via Supabase Authentication
- Managed and maintained a team of three using best code practices through GitHub
- Implemented resume upload, download, and parsing within 2 seconds leveraging PDF.js
- Designed infrastructure for managing and posting jobs leveraging Next.js, Prisma, Vercel, PostgreSQL, and Tailwind CSS for a live production site

### Full Stack Developer

April 2024 - June 2024

*Video Uploader - Remote*

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

### React Developer

June 2023 - December 2023

*Freelancer - Gartner - Remote*

- Reverse engineered RESTful APIs and Google Cloud architecture to find a technical exploit allowing for the bypassing of rate limits to build a proof of concept application for employees which scans 210K research documents
- Leveraged React internationalization to support 19 different languages to meet user requirements in 90 different countries
- Implemented Redux toolkit for seamless state retention across datasets for all three toolsets
- Implemented MUI table to display, filter, and sort parsed data with an option to export to CSV

### Android Developer

January 2023 - March 2023

*Inventory Management System - Remote*

- Managed warehouse inventories using barcodes, XML layouts, and NoSQL via Firebase
- Designed a robust system to intake 20,000 items across multiple inventories.
- Implemented item filtering and sorting across products
- Developed an Android application utilizing Java and Android Studio, integrating Firebase Firestore

### Java Developer

June 2013 - June 2018

*CombatLog - Remote*

- Co-authored video game software with over 375,000 downloads for the #1 most selling game of all time
- Worked with the top 20 server hosts that had the highest Daily Active Users to ensure proper implementation
- Designed with Java and multiple APIs to fix a flaw in the game that impacted millions of users
- Actively engaged with users and server hosts by presenting new features and releases

## EDUCATION

### Bachelor of Science in Computer Science (B.S.)

October 2024

*Full Sail University, Winter Park FL*

- GPA: 3.9 / 4.0 Awards: Valedictorian, Programming II Course Director Award
- Certifications: [Introduction to User Experience Design](#), [SQL Essential Training](#), [Learning REST APIs](#), [Advanced Prompt Engineering Techniques](#), [AI Meets Accessibility](#), [Back-End with .NET](#)