

Chris Nowicki

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS | **Frameworks/Libraries:** React, Next.js, Vite, Astro, Express, Node.js, Prisma ORM, Tailwindcss, Sass, React Markdown, remark | **Databases:** MongoDB, MySQL, PostgreSQL
Tools: Sanity CMS, AWS (EC2/S3), Docker, Vercel, Git, GitHub, MySQL Workbench

TECHNICAL PROJECTS

In-Browser Markdown Editor | *Developer* | ([Live Site](#) / [Code](#))

Full-Stack In-Browser Markdown Editor developed with Next.js, auth0, MongoDB, and Sass

- Continued to develop TypeScript knowledge to help develop better code with fewer errors
- Integrated authentication using auth0 to securely connect users to their markdown files
- Connected app with MongoDB Atlas to store user information and markdown documents
- Utilized *React Markdown* and *remark-gfm* libraries to parse and display markdown as HTML

Pomodoro App | *Developer* | ([Live Site](#) / [Code](#))

Pomodoro Productivity Timer built with Vite, React, TypeScript, and Sass

- Developed a custom *useActive* hook to check which settings button is currently active for styling
- Created a Sass Mixin for media query breakpoints for efficiency in using modular front-end style code
- Integrated the React Native Countdown Circle Timer for a smooth countdown circle animation

AWS S3 get-put-delete | *Developer* | [Code](#)

Project for learning how to use Amazon S3 Buckets for storing, retrieving, and deleting images in applications

- Integrated the AWS SDK in the backend to retrieve the S3 upload promise url
- Programmed uploading, retrieving, and deleting of images from the front-end using the upload promise url
- Implemented user Authentication using JSON Web Tokens to ensure user is logged in to retrieve promise url
- Utilized server-side form validations to ensure proper user information is entered during registration and login

PROFESSIONAL EXPERIENCE

Sr. Manager, Technical Training | *Raytheon Technologies*

2007-present

- Executed the development of 3D gaming and computer-based training product lines
- Created system administration and hardware maintenance technical documentation for air defense enterprise computer systems
- Trained over three hundred US Air Force and Foreign Militaries covering system administration and maintenance of defense computer systems with an average performance rating of 95%
- Supported multiple programs as SCRUM Master for AGILE development environments
- Integrated AWS text to speech software, Polly, into computer-based training products
- Led the development of a new innovative product line that contributed to a US Army contract award
- Successfully negotiated a milestone payment of \$17.5M through daily meetings overseas with a 4-star general
- Coordinated software licenses and purchasing for the department saving \$400K a year on unused licenses
- Responsible for monitoring the performance and required training for ~31 direct reports

EDUCATION

Coding Dojo | *Full-Stack Developer Certificate*

- *Immersive Full-Stack Training Program in Python and MERN*

Greenville College | **Bachelors** in *Digital Media* | Greenville, IL

Champlain College | **Associates** in *Network Administration & PC Support* | Burlington, VT