**TIM MARTIN**

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[github.com/TimMartin13](https://github.com/TimMartin13)

**Full Stack Front-End Developer**

**Managed a team in the Aerospace Industry and improved efficiency by over 20%.**

Senior Software Engineer with over 17 years of experience software design and implementation. Skilled in object-oriented design, C++, Node, and React. Adept at managing projects through the software development lifecycle from identifying requirements to design, implementation, integration, and testing.

**Technical Skills**

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| --- | --- |
| **Programming Languages** | React, Next.js, JavaScript, Typescript, HTML5, CSS3, jQuery, Node, JSON, C++, Tailwind, Bootstrap, Foundation 6, Bulma, Visual Basic, Python, Java |
| **Software Knowledge** | Microsoft Visual Studio, Microsoft Visual SourceSafe, Microsoft Office Suite, Adobe Photoshop, IntelliJ, Postman, Microsoft Teams |
| **Operating Systems** | Windows |
| **Version Control Tools** | Subversion, SourceSafe, Github |
| **Databases** | SQL, MongoDB |

**Professional Experience**

**Sogeti,** Indianapolis, Indiana 2021 – Present

**Senior Software Consultant**

**Chick-Fil-A**

* Translated Figma designs into functional React components
* Collaborated with end-users to optimize user experience and usability
* Conducted continuous testing to identify and address any site bugs or issues
* Developed and executed unit tests using Jest and Cypress to ensure software reliability
* Maintained graphic standards and branding throughout product interfaces
* Implemented dynamic forms using React Hook Forms and Zod
* Proficient in using React-Router to effectively manage path locations for various React components

**Technologies**: React | Typescript | Node JS

**Senior Software Consultant, Team Lead - React**

**Thomson Reuters**

* Supported and mentored off-shore team members to improve their skills and performance
* Optimized page and component performance by refactoring code
* Collaborated with Business Analyst, Product Owner, and Scrum Master to refine team backlog and ensure project goals were met
* Proficient in developing web pages using JavaScript, React JS, React hooks, Context API, Node.js, React-Router
* Successfully integrated reCAPTCHA v3 into client sales portal for enhanced security
* Conducted thorough research on different libraries to manage state such as Redux, Context API, and Recoil
* Analyzed and recommended actionable strategies to improve performance of Plans & Pricing page
* Revamped the UI of the Plans & Pricing page using React and Redux for a better user experience

**Technologies**: React | Typescript | Node JS

**Senior Software Consultant**

**Liberty Mutual**

* Worked collaboratively with cross-functional teams to ensure timely completion of assigned tasks within designated deadlines
* Adhered to Agile Scrum methodology to plan, prioritize, and deliver high-quality software
* Participated in rigorous code reviews and provided constructive feedback to enhance code quality, optimize performance, and increase efficiency
* Developed automated testing modules to improve software testing processes and enhance code coverage
* Successfully implemented the new user interface design of iUnderwrite, enhancing the user experience and improving overall product usability
* Contributed to the development of a proprietary CSS library by adding new features and functionalities to improve styling consistency and scalability of the software

**Technologies:** AngularJS | Typescript

**L3Harris Commercial Training Solutions,** Burnsville, Minnesota 2004 - 2020

**Senior Software Engineer, Team Lead**

* Implemented advanced software methodology in C++ to improve productivity
* Led projects assigned to graphics team and coordinated with hardware and system engineering leads to gather and develop system requirements.
* Developed educational content on L3's Interactive Bitmap Image Simulation (IBIS) graphics software process
* Administered National and International customer satisfaction with graphical user interface
* Teamed with testing group to reduce discrepancies by 30%
* Trained and mentored junior developers and engineers, teaching coding skills, and working to improve overall team performance and meet aggressive deadlines.
* Communicated with all levels within organization, from project teams to executives
* Simulated aircraft systems using C++ and aircraft systems schematics

**Technologies**: C++ | React | L3 Proprietary front end (IBIS)

**Software Engineer**

* Integrated simulated aircraft systems with user interface utilizing C++
* Created and edited industry-leading graphics using Adobe Photoshop
* Participated in cross-functional team-building activities.
* Gathered and defined customer requirements to develop clear specifications for project plans.
* Improved system performance by making proactive adjustments and resolving bugs.

**Technologies**: C++ | L3 Proprietary front end (IBIS)

**Education**

**Certificate in Full Stack Development,** University of Minnesota-Twin Cities, Minneapolis, Minnesota

* Professional development completed in JavaScript, Node.js, React.js, CSS, and HTML

**Bachelor of Science (BS) in Applied Computer Science,** St. Cloud State University, St. Cloud, Minnesota