

# TIM MARTIN

Jordan, MN 55352

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## 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

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