

Erik J Koivu

Contact Information:

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Location: Jacksonville, Florida

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My Portfolio Site: <https://eriks-portfolio.onrender.com/>

Professional Summary:

Highly motivated Computer Information Science Graduate, with a minor in Leadership, and a strong foundation in full-stack web development, particularly proficient with the MERN stack (MongoDB, Express, React, and Node.js). Possessing mastery in a wide array of programming languages including C, Java, C#, HTML, JavaScript, TypeScript, and Python, alongside experience with frameworks like Angular, Spring Boot, and .Net. Demonstrated ability to create and deploy dynamic web applications, as evidenced by a full-stack Message Board application and a personal portfolio site developed with React and Tailwind CSS. Eager to apply strong teamwork, adaptability, and problem-solving skills to contribute as a full-stack developer and continuously learn new techniques.

Education:

Received A.A. from Florida State College. Graduated from The University of North Florida with a Bachelor degree in Computer Information Science and a minor in Leadership.

Notable Projects:

Portfolio Site

A responsive single-page application built with React and Tailwind

CSS to showcase my background, skills, and projects. Designed for performance, accessibility, and clean visual presentation.

Message Board

A full-stack mock social media platform developed with the MERN stack (MongoDB, Express.js, React, Node.js). Features include secure user authentication, post and comment functionality, and customizable profiles. The app is styled with Tailwind CSS for mobile responsiveness and is fully deployed on Render.

Nonprofit Web Application (Prototype)

Developed a secure MERN stack web app for a nonprofit organization as part of a student-led team. The application included admin/user account management, real-time data access logging, file uploads, alert notifications, and a MongoDB-powered dashboard with dynamic charts. My responsibilities included building both the server and client authentication flows, implementing secure access with JWTs and cookies, setting up and maintaining MongoDB, deploying the app via Azure, and general bug fixes and improvements. While the project was ultimately paused due to external factors, it significantly strengthened my skills in full-stack development, project coordination, and web security.

Knowledge and skills:

Mastery of Programming Languages: C, Java, C#, html,

JavaScript, TypeScript, Python, bit of PHP

Styling Languages: CSS

Frameworks: Node.js, Express, React, TailWind CSS, Angular,

Spring Boot, .Net

SQL: MongoDB, MySQL

IDE: Code Blocks, Eclipse, Visual Studio, Visual Studio Code

OS: Windows, Mac, Kali Linux

Microsoft: Word, Excel, and PowerPoint

Soft Skills: Leadership, Teamwork, Time Management,
Adaptability, and Organization