

CarteNav Solutions

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To whom it may concern,

I am writing to express my interest in the Software Engineer position at CarteNav Solutions. I am currently an Intermediate Software Engineer at Ultra Maritime with an Computer Engineering undergraduate degree from Dalhousie University. I have a strong interest in software design and development with a broad range of experience over my multiple years of work, and would be excited to contribute to CarteNav's efforts in developing and deploying computer-based systems.

Throughout multiple years of work experience, and through a personal interest in the material, I have experience/skills in various different aspects of the software design and implementation cycle. I am skilled in multiple programming languages such as C/C++/Java/Python, and I have strong fundamentals in programming which allows me to learn new languages rapidly, so even though I do not have specific experience in Angular.js as the job posting states, I believe that I would be able to learn Angular rapidly and contribute to your projects quickly. I also have experience in designing software from the ground-up, so I am familiar with concepts and tools relating to project configuration/setup such as DevOps tools (Azure DevOps mainly), CI/CD pipelines, Nexus repository configuration, etc. Due to this, I think that I would make a positive impact on the quality of the software and overall project deliverables.

I also have a good deal of work experience with firmware design for embedded systems, which I believe gives me a unique perspective on the software development cycle in comparison to other candidates. This design work involved multiple aspects, some of which include interacting with the customer to write technical requirements for the project, designing the system by writing and reviewing system design documents, designing/modeling the electronics, writing the firmware for both the which involved implementing a Real-Time System which performed various specific tasks for a transmitter/receiver system, and performing testing/troubleshooting to ensure that the design meet the specifications of the project. Working on these embedded systems projects gave me a full understanding of how large-scale, multi-discipline projects are operated, and I believe that I can apply these skills to other projects and provide a different perspective on aspects of the projects which I think will allow me to provide value to your team.

After learning more about CarteNav, I find that my values align with those of the company. With my background in engineering, and my desire for continuous learning and improvement, I know I can contribute positively to your company's success. The content of your job posting leads me to believe that you want someone who can perform research into new technical topics, plan how to use these technologies in new/existing projects, and implement these systems in a meaningful way, which I believe I can do. I am a fast learner and I can problem solve in innovative ways, and I believe that I can bring value to CarteNav Solutions. I would appreciate the opportunity to speak with you and can be reached at (902) 789-4610 and at derekcapone7@gmail.com.

Thank you for your time and consideration.

Derek Capone