



Position: Senior Software Engineer (full time, immediate)

Location: Somerville, MA (next to Boston, Cambridge)

Contact: altaeros.jobs@altaeros.com

Rapidly Expanding High-Speed, Affordable Connectivity to Rural Communities Globally

At Altaeros we believe everyone should have access to the basic building blocks that allow a fulfilling, prosperous life, whether they live in a megacity or in the most rural of villages. We also believe in the power of innovation to make this a reality. Our SuperTower uses the world's first autonomous aerostat platform to permanently deploy high-speed mobile broadband in rural markets at a fraction of the cost of alternatives. With this new class of communication infrastructure, we aim to help hundreds of millions of people get online for the first time, unlocking untold new opportunities. As a member of the Altaeros team, you will help us to achieve our goal of delivering the next generation of infrastructure to those who need it most.

As a Senior Software Engineer with Altaeros you will design/build and maintain software on a variety of platforms to enable flight and control of the Altaeros aerostat. We want to speak with you if you have 5+ years of full stack development experience developing solutions on .NET using C#, and JavaScript. We also use Python, LabVIEW, MATLAB and Simulink for our solution, and experience with these are a plus. Technology changes fast and you will partner to choose our future tech stack and toolset. You are joining an Agile team dedicated to delivering a quality product and ensuring customer satisfaction. Our work environment is fast-paced and dynamic; we work together to find solutions to solve some of the world's biggest challenges, and we like to have fun while doing it.

At Altaeros, we believe you do your best work when you are trusted to operate with a high level of respect and integrity. Our team members enjoy a highly flexible work schedule. Compensation includes salary, equity, and great benefits including unlimited paid time off, health, dental and life insurance, as well as 401k.

Within your first 6 months you will:

- Design and develop full stack solutions ranging from front-end user interfaces to back-end systems and all points in between
- Code and unit test new features, enhancements and bug fixes for autonomous controls and HMI using C# and JavaScript in an Agile-Scrum environment
- Actively run and test your code on an Altaeros aerostat currently flying at our R&D facility in New Hampshire
- Expand our automated test strategy and solution for comprehensive test coverage to ensure high software quality
- Define requirements with a cross-functional team of control, aerodynamic and system engineers, as well as, product owners
- Work with an experienced multidisciplinary team in a collaborative work environment
- Explore, evaluate and use the best technology and tools to improve our autonomous solution
- Be asked for your ideas and recommendations because Altaeros culture promotes learning, an environment in which ideas flow freely and the best ideas win, combining our experience and talent to bring multiplicative value, and striving to achieve near-term goals without sacrificing our future successes

Qualifications:

- Proficiency in building solutions on .NET Core using C#, and able to provide comprehensive code reviews
- Experience with a variety of GUI development tools and able to select the best tool to meet user needs
- Have a deep understanding and practical experience of delivering solutions and/or applications using Object Oriented software development
- Strong knowledge of current database technologies and performant/efficient database best practices
- A proven ability to translate key business requirements into application design
- Regularly uses architectural and software design patterns to solve and/or prevent problems
- Experience building or contributing to an automated test suite. Experience with TDD and CI/CD is a plus

- Experience with microservices architecture best practices is a plus
- Practical experience building secure solutions
- Excellent analytical and problem-solving skills, with the ability to pay careful attention to detail
- A “Startup Attitude”: quick learner, passionate, nimble, & adaptable - you get creative when the answer is not obvious
- A team member with strong drive, initiative, organizational and communication skills
- Experimentation or experience in a variety of systems, languages, processes, databases or data analysis is a plus
- Experience with User Experience and User Interface design is a plus
- Bachelor’s degree (or working experience that has established your solid understanding of computer science principles) and 5+ years software development experience

If interested, please submit your resume and cover letter with the subject [Senior Software Engineer – Your Name] to Altaeros.jobs@altaeros.com.

We are an Equal Opportunity employer committed to a diverse workforce. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability.