



System Architect

We are seeking a senior engineer / architect who is passionate about developing the next generation of technology for traceability in global food and agriculture supply chains. The right candidate will be a self-starter, ready and willing to take ownership of complex problems, and work efficiently with a team of engineers to develop new technologies to address some of our world's most pressing challenges.

Responsibilities

- Lead SCRUM process and daily standups
- Support a diverse team of engineers, fostering a culture of continuous learning, innovation, and collaboration.
- Act as the primary point of contact for devops and sysadmin activities, ensuring the smooth deployment, monitoring, and maintenance of our infrastructure.
- Facilitate code reviews and ensure that code is maintainable, testable and meets quality standards.
- Work with both business and engineering functions to evaluate, select, and implement appropriate technologies and tools to support the development process and meet business objectives.
- Ensure compliance with our Software Development Life Cycle (SDLC) and promote the adoption of secure coding practices and robust testing.
- Collaborate directly with customers to identify and implement innovative solutions for complex technical problems related to traceability in global supply chains.
- Manage integrations with ERP and other external systems.
- Contribute to the development of our .NET backend API and React-based frontend, ensuring seamless integration and a consistent user experience.
- Continuously evaluate and facilitate the implementation of best practices, tools, and technologies to optimize the efficiency and effectiveness of our engineering processes, including CI/CD, code reviews, and secure coding practices.
- Establish and maintain rigorous quality control standards to ensure that products meet or exceed customer expectations.
- Collaborate with product managers, business analysts, and other stakeholders to align technical decisions with business goals.

Key Outcomes & Measurements

- Successful and timely delivery of tasks on our Scrum board with clean and testable code.
- Reduced time spent on refactoring and bug chasing.
- Increased automation of information ingestion from our clients.

- A robust and scalable technology stack supporting business objectives.
- Consistently high-quality releases meeting or exceeding customer expectations.

Skills & Qualifications

- Highly organized, punctual and detail oriented
- Good communicator (written and verbal)
- Ability to work effectively in a cross-functional and collaborative environment.
- Bachelor's degree in Computer Science, Software Engineering, or a related field.
- Proficiency in C# .NET web APIs, including related libraries and frameworks for API development.
- Familiarity with frontend development using React or similar frameworks.
- Minimum of three years of experience designing and implementing web APIs for API-driven web applications and integrating with various third-party systems.
- Experience in a technical lead or architect role
- Experience with cloud platforms (Azure, AWS, and Google), specifically Azure.
- Knowledge and experience in creating unit tests, integration tests, and end-to-end tests, along with familiarity with related frameworks.
- Solid understanding of devops and sysadmin concepts, with experience managing infrastructure on Azure or other cloud platforms.
- Demonstrated experience with CI/CD, code reviews, and implementing secure coding best practices.
- Ability to work well under pressure and adapt to a fast-paced, dynamic startup environment.
- Preferred, but not required...
 - Experience working in a remote, cross-functional environment.
 - Experience with Domain Driven Design (DDD).
 - Experience working with enterprise integrations involving ERP systems (such as SAP, Oracle, etc.) and other external supply chain-related systems.
 - Familiarity with food and agriculture supply chains, GS1 standards and specifically EPCIS.

Our Process

All of our hiring begins with a 4-6 week paid contract engagement for approximately 10 hours per week to ensure that this is a fit for all parties. As part of this process you will have the opportunity to engage with the team and further develop and align the role to fit your specific talents and expected contributions.

Our Culture

We hire for who you are, not just what you've done. At Wholechain we are building the future of connected supply chains which means all of our team members must have the ability to grow and adapt rapidly. Most of the skills listed above can be learned and in a short time new skills will be required for success. Therefore, when we look for people, we look for those who possess

not only the right qualifications now, but also the drive to learn and grow so they can lead the way as we build the future. The following characteristics won't be found on a resume, but they are required for those who will thrive at Wholechain:

- **Intrinsic motivation** – You take initiative; you own your projects and are self-aware enough to seek support when you need it.
- **Humility** – You don't take yourself too seriously, and therefore you are willing and committed to set aside pride for the sake of results
- **Authenticity** – You avoid buzzwords, passive aggressive behavior and you treat others with respect regardless of rank, title, or capacity to help you get ahead
- **Start-now attitude** – While others are planning, you are already moving ahead
- **Transcendent purpose** – You work with Wholechain because of a broader passion for creating a more sustainable and responsible future

Next Steps

Our culture is not for everyone, but for those who are a fit there is no place they would rather work. If this is you, please send a cover letter, resume and work examples to work@wholechain.com.