

Senior Rust Software Engineer

Description

At MATTR we are creating tools to support decentralised identity and verifiable data. We are on the lookout for people that are passionate about emerging technology and thrive in fast paced environments. By joining our team you will be helping to develop a whole new category of tools that support the next generation of the internet – the web of trust.

The [MATTR Platform](#) is designed for global scale. As a **Senior Rust Software Engineer**, you will be part of the team who are creating the MATTR platform and helping to establish MATTR as a leader in the world of digital trust. Our Senior Engineers are Full Stack developers and have a keen eye for the small things that catch you out later. They dig into a problem to resolve it in an elegant way and balance technical excellence with pragmatic delivery.

You will be using cutting edge technologies to create highly secure, robust, and scalable APIs, extending and adding to the capabilities of the MATTR Platform. You will be working closely with your engineering team in our highly collaborative environment to deliver software of high value and quality.

MATTR values diversity in the workforce and we encourage candidates from diverse backgrounds, including those with access needs, to apply for our roles.

What you will be doing

You will

- be working closely with your team members to build secure, reliable, and scalable APIs in our cloud environments, building applications that make the complex appear to be simple
- drive consistent standards and approaches (to write clean, well-structured and documented code, which is reusable, scalable, secure and performant)
- be solving problems that truly are unique and defining and building appropriate technical solutions to achieve required product features
- work with the wider MATTR engineering team, constantly improving our engineering processes, tools and standards
- be prototyping cutting edge solutions to rapidly test our product hypotheses, and return that learning to our product development pipeline
- be supporting those APIs in production as part of your team's on-call roster, responding to and resolving any customer issues that arise
- become a subject matter expert in decentralised identity, engaging with the standards community, and ensuring our solutions are delivering value to our consumers and contribute to open source and evolving standards

What are the skills and requirements needed?

You will

- have a solid backend development background with at least 2 years experience in Rust. Extensive knowledge of web stacks, libraries, and frameworks. A broad understanding of the Javascript ecosystem such as NodeJS, Typescript, and related technologies.
- have significant experience designing, building, and supporting APIs in the cloud, and you will be confident architecting cloud based solutions.
- have experience developing applications that are in the hands of customers and responding to their needs
- have led requirements and design/specifications squads to drive out and capture requirements and be able to produce high quality software design artefacts
- have led sprint planning, breaking down complex work into manageable delivery chunks
- be able to actively seek out difficult impediments to our delivery efficiency ("technical debt") as needed.
- be able to proactively identify and own challenges and technical interdependencies and establish solutions to address them.
- have experiencing leading design reviews and recommending improvements where needed and have led other team members to ensure successful delivery of each sprint
- have excellent communications and written skills, and must be able to talk about technology intelligently and passionately to all levels of an organisation including Developers, Architects and senior management (technical and non-technical)
- have a strong understanding of security, reliability, scalability and platform management topics
- likely have previous start-up experience and enjoy working in open source / developer communities
- have strong organisational skills

Personal and work ethics

- You are a self-starter who takes initiative, is creative, has high energy, and would thrive in a very dynamic software company.
- You are a team player who is eager to share their findings and contribute to a collective understanding – someone who is super smart and committed to making a difference - but won't trip over their ego when they turn around!

Advantageous

- Awareness of Self-Sovereign-Identity, Decentralized Identifiers and the Web of Trust ecosystem
- Understanding of OAuth2, OpenID Connect and other established authentication and identity management protocols
- Experience building SaaS services & products and promoting them to grassroots developers as well as large enterprises
- Leadership experience in a development environment

Sounds like you? We would love to hear from you!