

# Job Description

## Senior Front-end Developer



Silicon Valley startups and legacy businesses alike have realised that users' working lives could be improved and are rushing to build the one true collaboration platform. But users are overwhelmed. Too much information, fragmented over multiple apps, compounded by the pain of switching between them.

We believe that chat communications platforms are the next application environment for the internet. We believe that applications should be launched and worked on in collaboration inside digital meeting rooms. But we do not believe that users have to be drowning under notifications, or to feel trapped in never-ending 24x7 meetings. Or that they can't disconnect at the risk of missing important stuff. Or that their data might be lost if a company goes bust.

We are developing a best-of-breed opensource collaboration tool aiming to open a new world of communication where online collaboration doesn't necessarily means distraction: Riot (<https://riot.im>).

Riot allows teams to work efficiently as a group by bridging together all their tools and conversation in a simple and decluttered environment, making it easy to tune in and tune out on every individual's own terms. Secure, interoperable thanks to the Matrix standard (<http://matrix.org>) and centered around communication (text, voice & video), Riot lets people organise their work by conversations, each of them becoming real virtual teams putting all decisions, files and exchanges on the record, and making them available from anywhere. Riot's target audience is developers, small teams and working groups, in the future expanding to the wider collaboration space.

Vector Creations Ltd is looking for the support of **a superstar front-end developer for Riot, passionate about building slick UIs and innovative user experiences.**

Riot is developed end-to-end by the small and agile Vector Creations team spread across Rennes (France) and London (UK) – from our front-end applications and VoIP stack all the way back to our back-end infrastructure. Vector Creations runs as an autonomous incubated startup within Amdocs, the leading provider of customer management solutions to mobile networks (<http://amdocs.com>). Recent projects include initiating Matrix.org, an open initiative aiming to create a new open ecosystem for interoperable voice, video and messaging apps on the internet - making it as easy and flexible to message or call someone as it is to send them an email - as well as delivering Blah.com for TIM Brazil.

As the successful candidate you will be responsible for:

- Maintaining and extending Riot's Web client.
- Creating and maintaining revolutionary interoperable VoIP and Messaging apps for the Web

- Releasing some of these apps, including Riot, as Apache licensed and helping grow the global Matrix community (all of the code for Matrix and Riot is being released as Apache-licensed opensource at <https://github.com/matrix-org> and <https://github.com/vector-im>).

Your tasks will include:

- Technical implementation and testing of VoIP/IM communication apps, including implementing the visual design provided by a third party agency, and complex UI features.
- Requirements capture and design for development of new features.
- Investigation, diagnosis, and resolution of complex real-world defects.
- Ensuring that code is fit for purpose, including unit/system/integration testing and instrumentation/monitoring.

### **Skills and Experience**

Successful candidates will:

- Be enthusiastic and knowledgeable about Web App development with specific interest in at least one of VoIP, Messaging, Media/Graphics development, Game programming or Network programming
- Have strong practical experience in CSS/HTML5/JavaScript development, React and HTTP API.
- Possess a Computer Science, Maths, Science or Engineering degree from a top class university.
- Be able to help set their own objectives within a small and rapidly evolving team, and be persistent in pursuing them.
- Want to build software which will change the world.

Riot launched on September 19<sup>th</sup> 2016 and has been very well received, with front-page coverage on TechCrunch, GeekTime and HackerNews and 50% month-on-month daily active user growth since launching beta in June. Our aim is to dramatically grow the app to truly disrupt the incumbents of Slack, Skype and other collaboration tools by leveraging the unique open platform of Matrix.org.

If you're excited at the prospect of making a glossy opensource collaboration tool go viral and changing how people work get in touch at [jobs@riot.im](mailto:jobs@riot.im)!