Software Engineer – Client Core

Who we are?

Armour Communications creates market-leading secure communications solutions for voice, video, messaging, data and conferencing on smart mobile devices and desktops and integration with unified comms systems. Our products have FIPS, NATO and NCSC approvals for use in classified environments, delivering security and privacy to our customers in governments, large enterprises and finance markets around the world. We offer an easy-to-use, intuitive app with a scalable, cloud-based service or on-premises solution providing customers with complete control and privacy.

What will you be doing?

We have several product lines of mobile communications systems for Android, iOS and Windows 10. We are looking to expand our team to develop features in our client core to enhance functionality which forms a critical part of our secure comms systems.

We develop all our software applications in-house utilising available open source applications were possible and we are looking for enthusiastic newcomers to join our highly focused team working on all aspects of our products. You will take a key role in the continuing the development and worldwide roll-out of our product ranges, bringing your existing experience to enhance our teams skillset.

Essential skills/experience

- Must be capable of obtaining UK security clearance and a UK resident for the past 5 years
- Commercial experience of development using C/C++
- Knowledge of a *nix desktop environment (GNU/Linux)
- Use of containerisation, Docker, Kubernetes and CI/CD, all useful
- Restful APIs (including Authorisation/Authentication), Databases (Postgres/SQL).
- Experience of using open source PJSIP, XMPP, Audio and Video codecs technologies
- Knowledge of secure coding practices (e.g. commit-signing)
- Able to work autonomously, follow process and clearly document tasks
- Proactive and results-orientated, owning tasks and meeting exacting deadlines

Nice to have skills/experience

- Experience with GIT, JIRA and Agile/Scrum-like development
- Experience of developing for Android, iOS and Windows 10
- Understanding of general security, authentication and cryptographic principles

What do we offer you?

- A dynamic, and supportive work environment where we develop our software applications in-house in a highly focused team, with the opportunity to get involved in every aspect of our projects
- Potential for company share options, and bonus scheme based on company performance
- 25 days holiday
- 3% Pension
- Remote or home working possible