

# Job Offer / Offre d'emploi

## Security Engineer / Post-Quantum Cryptography

Date: 08 / 07 / 2025

Job role / Fonction	Security Engineer / Post-Quantum Cryptography
Department / Département	Product Security
Working place / Location	Aix-en-Provence (Meyreuil) France
Starting Date / Date début	ASAP

### Mission

- As part of the expansion of our product security team, we are looking for an engineer to contribute to the **security of a cryptographic library**, with a particular focus on **Post-Quantum Cryptography (PQC)**, within a **RISC-V** environment targeting **Secure Elements** and **TPM (Trusted Platform Modules)**.
- You will join a small, dynamic team already in place and work within the **security product team** (crypto tools development, pen-testing, certification).

### Main responsibilities / Principales responsabilités

- Secure the cryptographic library (focus on PQC)
- Integrate and harden algorithms on RISC-V cores
- Participate in lab activities (vulnerability analysis, side-channel attacks, fault injection attacks) and security evaluations (testing, benchmarking, etc.)
- Contribute to the security certification of the solutions (e.g., Common Criteria, FIPS)
- Conduct technology watch and follow PQC/NIST developments

## Requirements / Exigences professionnelles

<b>Educational background / diplomas</b> <b>Formation / diplômes</b>	Master's degree in cybersecurity, cryptography, or embedded systems architecture
<b>Experience / Expérience</b>	Proven experience in the development or integration of cryptographic libraries
<b>Skills / Compétences</b>	Strong knowledge of embedded environments (experience with RISC-V is a plus)
<b>Others / Autre</b>	Familiarity with security certification standards (Common Criteria, FIPS...) is a plus  Curious, rigorous, and a team player

## Why Join Us?

- Small, passionate, and dynamic team
- Technically challenging projects in cutting-edge domains (PQC, Secure Elements)
- Opportunities for career growth with the expansion of the team
- 2 days of remote work per week
- Pleasant working environment in Aix-en-Provence (Meyreuil) France

## Application / Candidature :

Merci d'envoyer votre candidature et votre lettre de motivation à :

[ipecharroman@wisekey.com](mailto:ipecharroman@wisekey.com)

Please send your application and cover letter to: [ipecharroman@wisekey.com](mailto:ipecharroman@wisekey.com)