1550A Laperriere Ave, Suite 203, Ottawa, Ontario, K1Z 7T2

Job description - Embedded Java Developer, Full Time

RESPONSIBILITIES:
- Utilize Java code to develop and test new embedded security software.
- Apply established development processes and assist in process improvement.
- Analyze requirements and propose design alternatives.
- Develop test software and procedures.
- Generate complete and accurate user and design documentation.
- Provide input to architecture, design and code reviews.
- Provide input and evaluation of new technologies and products.
- Provide task breakdowns and accurate estimates for project planning.
- Review and validation of software releases.
- Assist in maintaining a positive and productive atmosphere within the team.
- Liaise with customers

SKILLS:
- Experience with Java/J2EE and web technologies.
- Familiarity with JavaScript, HTML5 and XML.
- Understanding of cryptographic principles.
- Strong sense of responsibility, commitment to quality and achieving deadlines.
- Knowledge of software engineering processes and standards.
- Experience in the following is an asset:
  o software configuration management tools.
  o software defect tracking tools.
  o software debugging tools.

EDUCATION:
- Bachelor's in Engineering or Computer Science (or equivalent).

This position may require exposure to information which is subject to US export control regulations. All applicants must meet eligibility requirements of the Controlled Goods Directorate (CGD).

Crypto4A Technologies Inc. is a Canadian cyber security firm offering a platform for organizations requiring High Assurance across complex networks applications and devices. Our Security Processing Appliance (SPA) simplifies the challenges of managing security infrastructure with ease of deployment and remote management. Within the appliance is a next generation hardware security module that encapsulates sensitive information within the cryptographic boundary while assuring quantum computing readiness.
The Crypto4A team is comprised of leading Canadian security experts with over 100 years combined leadership experience in cryptography, key management and product development for government, military and financial deployments.

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