Application Security Architect, Information Technology

UNIVERSITY OF CALGARY

Toronto, ON, CANADA | Ottawa, ON, CANADA | Edmonton, AB, CANADA | Calgary, AB, CANADA

The Department of Information Technology is currently seeking a Full-time Application Security Architect. This position is in the U of C Information Security & Compliance Office which is responsible for establishing, managing and maintaining the University's Information Security & Compliance Program and reports to the Director, Information Security & compliance. The primary role of the Application Security Architect is to provide inter-departmental and cross faculty support to ensure that campus wide application security needs are identified and addressed through the cost effective application of proven control processes and technology. The Application Security Architect will define, document & maintain the application security strategy and architecture for all University of Calgary applications.

Position Description  Summary of Key Responsibilities (job functions include but are not limited to):

- Provide security architecture and advice in support of application development, infrastructure, and enterprise technology projects to ensure the integrity of the university architecture.
- Define, document and implement the application security architecture for the university including but not limited to the following:
  - Authentication & authorization (what authorization model is required)
  - Account administration controls (provisioning, segregation of duties, validation, attestation, etc)
  - Auditing of critical security related events
  - Confidentiality, Integrity, and Availability of the system and data.
- Assess project requirements related to application security, including correlation with university security policy and standards.
- Identify architectural and other security risks associated with the solution, and compensating controls where necessary.
- Identify any gaps in existing application security infrastructure to meet project requirements, work with the Manager for Security & accounts Management to identify and roadmap solutions.

Qualifications / Requirements:

- Bachelors degree in computer science or related post secondary education
- GIAC, CISSP with 6-8 years of progressive IT experience
- Practical experience in the Information Security Architecture field, with emphasis on application security architecture and authorization approaches (role-based access control, direct entitlements-based).
- Strong understanding of security architecture best practices, standards and frameworks.
- Proven experience implementing and supporting PeopleSoft CRM, Financials, Supply Chain Management, Human Capital Management, and Enterprise Portal suite applications versions 8.9 and higher
- Proven experience with relational database management systems specifically Oracle 10.1 and above
- Strong communication (written/verbal) and collaboration skills
- Consulting, negotiation and relationship skills
- Problem solving skills
- Experience working in large, geographically dispersed IT organizations and decentralized Security Model.

Application Deadline: This position will remain open until filled; however, applicants will be reviewed as they are received. We would like to thank all applicants in advance for submitting their resumes. Please note, only those candidates chosen to continue on through the selection process will be contacted.

Additional Information
This position is part of the Management and Professional Staff Group, Zone D.
To find out more about our competitive salaries and benefits, and why we are a great place to work and learn, please
About the University of Calgary

The University of Calgary is a leading Canadian university located in the nation's most enterprising city. The university has a clear strategic direction to become one of Canada's top five research universities by 2016, where research and innovative teaching go hand in hand, and where we fully engage the communities we both serve and lead. This strategy is called Eyes High, inspired by the university's Gaelic motto, which translates as 'I will lift up my eyes'. For more information, visit ucalgary.ca. The University of Calgary respects, appreciates, and encourages diversity