



EMPLOYMENT TRAINING PROGRAM

JAKE'S HOUSE EMPLOYMENT TRAINING PROGRAM

Jake's House Employment Training Program is an innovative, adaptable program that supports the integration of individuals aged 16+ with autism or a developmental disability, into the workforce. The program leverages a proven recruitment method connecting businesses with well-qualified candidates who are on the autism spectrum or have developmental disabilities.

JOB TITLE: SOLUTIONS ARCHITECT, RELIABILITY ENGINEERING

Company: CBC Radio

Type of Role: Permanent Full-Time

Location: Toronto

Deadline to Apply: Wednesday October 30th, 2024

Job Title:	Solutions Architect, Reliability Engineering	Hourly Pay:	N/A
Job Type:	Permanent Full-Time	Hours of Work:	As needed
Posting Date:	October 16 th , 2024	Closing Date:	October 30 th , 2024
Fixed Term:	Ongoing		

Overview:

If you share our passion for Canadian storytelling and you wish to help us engage with individuals and communities across our various digital platforms, this is where you'll want to be!

Every day, you will have an opportunity to shape the way in which Canadians see themselves reflected in our digital services. Your work will have a direct impact on how millions of Canadians from various communities connect with our products, with one another, and with the diverse voices that make our country so unique.

You will have the opportunity to play a part in enlightening and entertaining Canadians through our innovative work in building the mediums that deliver our content. We are an innovative hub, where the talented professionals we work with are respected and valued for their contributions. Our product teams are vibrant and our work culture strives to achieve the highest standards of diversity and inclusion. We believe that hiring people with different career paths and backgrounds is fundamental in our shared success and in building healthy and highly performant teams. When you join our mission, you are not only shaping the vision of the CBC, but the future of our country.

As the Solutions Architect of Reliability Engineering, you will play an important role in designing, shaping and executing our visions on site availability for the CBC Digital Strategy & Products department. Time to market, reliable, performant and resilient products are some of the reasons why we are looking for your help in



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building our reliability engineering practice. We will bring out the explorer, challenger and trail blazer in you, but we are also grounded in sustainable, extensible and holistic approaches.

Architects are accountable for technical decisions and visions for technology, platforms and services. You will be asked to speak for the platform, system or technical components. You are expected to be the subject matter expert and will be consulted for your deep knowledge and expertise for your respective domain. You will also be advising on complex technical and architectural issues that require detailed analysis and thoughtful considerations on both functional and non-functional requirements.

Here is what you will do:

- Provides solution and deliver in the following areas:
 - System availability improvements
 - System performance and latency study and diagnosis
 - Incident management process and emergency response planning
 - Observability strategy and platforms
 - Telemetry demonstrating system availability and effectiveness in incident management.
 - Programs on security and compliance
- Bring to light architectural issues that require broader consultation and review. Work with product teams to integrate reliability best practices into the software development lifecycle. Bring better understanding and drive collaboration with teams outside of the department, e.g. devOps, InfoSec.
- Deliver and drive continuous evolution of the department's use of observability products and platforms. Help monitor standards by designing and implementing corresponding metrics / measurements. Ensure features adhere to regulatory, governance and certification requirements defined by the industry and governing bodies.
- Drive the automation of reliability and operational tasks to reduce manual intervention. Continuously assess and optimize system performance, capacity, and resource utilization.
- Collaborate with quality engineering technical leaders in aligning quality objectives and reliability targets, identifying areas for improvement in quality engineering that will contribute to better system performance.
- Lead or participate in initiatives that involves:
 - Capacity planning
 - Security practice including secret management
 - Infrastructure planning and cloud migration
 - Change management
 - Review systems design and architecture

Qualifications

- Three or more years of experience in a senior development role. Demonstrated ability to provide technical leadership for medium to large scale systems or implementations.



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- In depth knowledge in the domain of reliability engineering for applications / platforms / services, including principles and key concepts.
- Demonstrated experience in management and prevention of software outages. Solid understanding of incident management, disaster recovery, and business continuity planning. Experience in handling high load events like Black Friday / Cyber Monday.
- Strong background in system architecture and cloud platforms (e.g., AWS, Azure, GCP), and infrastructure management.
- Proficiency in programming and scripting languages (e.g., Python, Java).
- Experience with application monitoring, logging, and alerting tools (e.g., Prometheus, Grafana, ELK Stack, Sentry, Dynatrace, New Relic).
- Possess a degree (BA, BSc) or diploma in a Software Development, Science or Engineering related discipline, delivered by a recognized learning institution.

Application Process:

The first step in the recruitment process is for interested candidates to register with the Jake's House Employment Training Program. [Click here](#) to register as a candidate, and someone will be in touch with you to schedule a get to know you call, and then support your application process.

If you are already registered with Jake's House, please email jobs@jakeshouse.ca with the company name and role you wish to apply for, and a copy of your resume.

Applicants will be shortlisted for participation in the next step based on a review of each applicant assessing the likelihood of fit for the roles for which we are recruiting.

FOR MORE INFORMATION

Please direct any questions to jobs@jakeshouse.ca

For more information about Jake's House, visit www.jakeshouse.ca

We look forward to hearing from you!