

## **DevOps Engineer Junior-Mid Level, ProCan**

- **Make an important contribution to the health of children through medical research**
- **Work with one of Australia's most respected national and independent medical research institutes**
- **Gain valuable experience in leading edge research data science infrastructure**

Children's Medical Research Institute (CMRI) was Australia's first dedicated paediatric research facility and is now one of the nation's most highly regarded independent medical research centres. Our research focuses on the areas of embryonic development and birth defects, cancer, neuroscience and gene therapy and we have a strong international reputation based on our research outcomes. CMRI's research programs are supported by state of the art facilities and committed research and support staff. Our achievements are made possible by a loyal network of community supporters, highly engaged donors and the very successful Jeans for Genes® fundraising campaign.

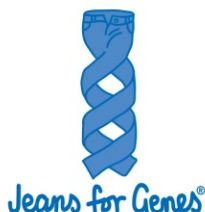
### **ProCan®**

ProCan®, the ACRF International Centre for the Proteome of Human Cancer, was established at CMRI in 2016. It is a major new program that applies innovative technology to analyse the protein content of small tissue samples. The goal of ProCan® is to complete a comprehensive proteomic analysis of all cancer types to improve diagnosis, and to enable more precise recommendations for the effective treatment of cancer patients. ProCan® will analyse around tens of thousands of adult and children's cancers with a view to rapid translation of research findings into clinical practice.

### **DevOps Engineer, ProCan**

The DevOps Engineer (DE) is responsible for assisting with the design, support and build of complex infrastructure, operational processes, and infrastructure automation to support teams of cancer data scientists and cancer proteomicists in the execution of their computational and experimental processes.

We are now seeking to appoint a DevOps Engineer to join the Software Engineering team within the ProCan Computational Science team. Key accountabilities will include managing complex High Performance Computing hardware; design, maintain and support systems, systems security and troubleshooting.



## **Selection Criteria**

### ***Essential***

- At least 2 years full time systems administration or DevOps experience
- Experience in production critical environments
- Experience in a full or part time support role
- Knowledge of networking protocols and architecture such as VLans, routing, DNS, VPNs, TCPIP
- Knowledge of Ubuntu, RHEL OR Centos 7
- Knowledge of Kubernetes and Docker
- Experience with use of AWS Services, such as S3, EC2, VPC, Route53
- Demonstrated ability to work independently and as part of a multi-disciplinary team
- Demonstrated troubleshooting abilities
- Track record in system documentation

### ***Desirable***

- Experience in a research environment

You will be provided with a competitive remuneration package in accordance with qualifications and experience. Additional benefits include the provision of a Public Benevolent Institution salary packaging scheme and participation in an employer-contributed superannuation fund.

Applications should include a cover letter (citing **PV2141**), curriculum vitae and contact details (phone/email) of three professional referees and be forwarded to [recruitment@cmri.org.au](mailto:recruitment@cmri.org.au)

Closing date for applications is **5<sup>th</sup> October 2021**.

Please direct enquiries regarding the position to Edith Hurt, Operations Manager and Computational Science Team Leader, ProCan  
Email: [ehurt@cmri.org.au](mailto:ehurt@cmri.org.au)

