

LINUX ENGINEER

Job Description

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LINUX ENGINEER JOB DESCRIPTION

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Summary

Job Title	Linux Engineer
Job Type	Full-time, ongoing; flexible work hours available
Location	On site in the Canberra office at Bruce; provision for remote work
Reports to	Chief Technology Officer
Remuneration	\$130,000.00 to \$160,000.00 per annum excluding superannuation

Company background

Castlepoint is an award-winning, disruptive solution that provides command, control, and compliance over all information, in every system, through a single pane of glass. Castlepoint reads, registers, classifies, and manages information from all systems in a network, using Artificial Intelligence.

Castlepoint Systems is dedicated to ensuring that our operations are conducted ethically, in accordance with applicable laws and best practices, and in the best interests of our clients, our community, and the environment. Our vision is to make the world a better place by changing the way organisations manage information, so that people, communities, and companies are safer and smarter.

We have committed to becoming an employer of choice, one that attracts likeminded, hardworking people through flexibility and other real, developmental benefits that improve the lives of our staff. We are a feminist company, and believe strongly in supporting men and women to take equal roles in the workplace and at home. We enforce pay equity, and pay superannuation throughout parental leave. We seek to employ people who represent community demographics, including younger and older people, indigenous people, migrants, people with a disability, and LGBTQIA+ people. We also provide a fantastic working environment, with meals provided, sit/stand desks for all staff, modern equipment, free parking, multiple work spaces (including outdoor), in a leafy and accessible central location. We support flexible and remote work, but you will need to be based in Canberra for this role.

To help ensure that our employees can enjoy a high standard of living, we pay above the market rate for their skills, qualifications, and experience level. We then invest heavily in our people with formal Development Plans, reviewed twice-yearly, committing to internal mentoring, paid training, and other development opportunities with a goal of continually increasing their marketability. As employee skills increase, we assign more responsibilities, and we then adjust their wages and titles upwards commensurately. We also support employees to develop skills and experience in areas not directly related to their roles if they have an interest in those types of development. We have a policy of salary transparency for all employees, including the Executive, to help combat unconscious bias and foster gender equality.

Castlepoint also supports our employees with an Employee Assistance Plan, and skilled HR professionals with experience in mental health and workplace cohesion. We support our staff to practice religious and cultural observance during work time using flexible working arrangements, and to be free of discrimination based on their beliefs. We encourage communication between all areas of the business, and provide regular updates from the executive team on company activities and initiatives. Our culture is genuinely supportive, and employee satisfaction is extremely high.



Position Overview

Primary purpose of the position

The Linux Engineer is the key resource for system implementation and sustainment. In this role, you will ensure that the high performance and security standards of the platform are maintained through rapid implementation and upgrade cycles. You will work closely with the DevOps Team Lead and the Chief Technology Officer, and engage with client technology teams and their suppliers.

You will deploy our solution on Linux infrastructure for various clients, and you will also maintain the platform by applying patches and security configurations. You will develop and run installation scripts, and manage Azure costs. You will report on Operating System usage, monitor availability, and manage container workloads. You will also maintain logging and undertake reporting, including monthly maintenance reports and as-built documentation. In addition to client environments, you will maintain and support our development environment.

Our product is an AI solution, using microservices in a containerized, highly available architecture, both on premises and in the cloud. You will have experience in Linux, Docker/containers, public cloud, and MongoDB/NoSQL. You will also be able to develop automations and scripts.

You will work collaboratively in an agile and flexible way, and will be an active mentor and participant in the DevSecOps cycle. You will have an open and friendly communication style, be highly professional, and both internal and external contacts will find you to be reliable, responsive, and organized.

Key Challenges

The company is growing extremely quickly, and demand from new clients and partners is very high. New implementations are frequent, and clients rely on the system for many key business activities. As a security and compliance technology, there is no tolerance for security risk, and operating systems must be patched as soon as possible after vulnerabilities are identified. This means that some work may be required at night or on weekends to accommodate change windows.

The team is still small, and we are now recruiting for more technicians. You will be entering the company in a time of significant change, and will need to be fairly autonomous, but also collaborate closely with both new and existing team members as the whole organisation adapts and grows.

For this role, you will need to have some government experience, and a security clearance at NV1 or above. A large portion of our client base is Federal Government, and it will help to have some experience working with this type of customer, and within its constraints.

Note that this role is Canberra-based, but can be delivered flexibly and potentially remotely.



Duties and Responsibilities

Responsibility	Breakdown of Tasks	Outcomes/Measures
Implementation 50% time/effort	<ul style="list-style-type: none"> Deploy servers and applications Undertake deployment validation Produce implementation documentation 	Procedures are followed Documentation is current and correct
Sustainment 40% time/effort	<ul style="list-style-type: none"> Manage and support servers Monitor servers Troubleshoot issues 	Systems are supported effectively
Continuous Improvement 10% time/effort	<ul style="list-style-type: none"> Design and develop automations for deployment and sustainment Develop improved procedures Research problems and issues 	Automations use best-practices Opportunities are identified and reported

Skills and Experience

Qualifications:

- Relevant University or equivalent degree in technology or engineering (**essential**)
- Relevant Linux-related vendor certification/s (**desirable**)
- Relevant change management certifications such as ITIL (**desirable**)
- Australian Government NV1+ Security Clearance (**preferred**) or eligibility (**essential**)

Experience:

- 1 years or more previous experience with Linux engineering (**essential**)
- 1 years or more previous experience with Docker (**preferred**) or Kubernetes

Skills:

Knowledge, skills, and abilities	Essential	Desirable
Technical skills with Linux-type operating systems in virtualized environments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical skills with scripting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Experience establishing and using automation tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical skills with Azure cloud	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Technical skills with MongoDB/NoSQL	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Technical experience with security software and protocols	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Experience using Azure DevOps	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Experience working with government or regulated industry	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Strong written and spoken communication skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Strong stakeholder management and customer satisfaction skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>