FARMBOT
MONITORING SOLUTIONS

POSITION DESCRIPTION

Position Title:	**Senior Engineering Lead – Cloud Platform & IoT**
Location:	Roseville, NSW 2069
Position Type:	Permanent / Full-time
Reports to:	Chief Technology Officer
Date:	February 2026

About Farmbot

Farmbot is a leading provider of remote monitoring solutions for Australian agriculture. Our IoT devices and cloud platform help farmers save time, increase efficiency, and improve sustainability by providing real-time visibility of their water and other assets. We are an award winning AgTech scale up that's expanded into the United States via the Ranchbot brand and looking to become one of Australia's tech unicorns.

The Role

We are seeking a highly skilled Senior Engineering Lead with deep Node.js expertise to oversee and evolve our digital platform (React/Node.js) and IoT layer. This is a hands-on technical leadership role, requiring experience in platform modernization, cloud architecture, and DevOps practices.

You will lead a team of engineers, guiding daily operations while also directly contributing to the next phase of our IoT platform's evolution, including migration to Node.js. A key focus of this role is owning our AWS-based infrastructure and DevOps pipeline, ensuring smooth deployments, strong observability, and scalable, secure platform operations.

This position is ideal for someone who thrives on transforming complex systems into modern, maintainable, and high-performing platforms, extracting insights from existing implementations, and driving improvements across architecture, code quality, and operational practices.

Key Responsibilities

- Technical Leadership & Ownership
- Lead and execute the refactoring of legacy code into Node.js.
- Own the AWS architecture, ensuring reliability, scalability, and security of both the platform and IoT services.
- Drive DevOps strategy and implementation, including CI/CD pipelines, IaC, monitoring, logging, and automation.
- Extract domain knowledge from legacy staff and codify it into documentation, architecture diagrams, and onboarding materials.
- Reduce technical debt and establish modern engineering standards across the platform.
- Hands-On Engineering
- Conduct architecture reviews, code reviews, and serve as the technical authority across the stack.
- Solve complex issues across cloud infrastructure, services, and IoT communication.

Key Skills & Experience

- 7+ years of software engineering experience, with 3+ years in a technical leadership or team lead role.
- Deep expertise in Node.js, JavaScript/TypeScript, and modern full-stack development.
- Strong experience with React and backend services built in Node.js.
- Proven experience refactoring and modernizing legacy systems.
- Strong AWS experience (Terraform, Security, S3, CloudWatch, etc.).
- Solid DevOps experience: CI/CD pipelines, automation, IaC, containerization, monitoring, and environment management.
- Experience with IoT systems, device communication, or real-time distributed systems (highly valued).
- Excellent ability to extract knowledge from subject matter experts and document complex systems.
- High sense of ownership with a passion for craftsmanship, platform reliability, and team excellence.
- Experience in agriculture tech, IoT, or telemetry systems.
- Interest in working on products oriented towards sustainability and AgTech.

What we offer

- Opportunity to work on meaningful products that impact Australian agriculture.
- Collaborative and supportive team culture.
- Exposure to IoT and cutting-edge cloud technologies.
- Growth and learning opportunities in a fast-growing company.

We have an agile approach to all aspects of Farmbot's product development and operations, and we look to all team members to provide input and ideas to continually improve every aspect of the business. This is an opportunity to play a key role in a truly innovative organisation, delivering unique solutions and services for agriculture sector while developing your skills as part of a rapidly growing company. Your desire to learn and flexibility to work in a fast-paced environment will contribute to your success.

Be part of a team that is creating the next generation of monitoring and control system for the world's agricultural industries.

For more information in complete confidence please contact jobs@farmbot.com.au

www.farmbot.com.au

Senior Engineering Lead