

Job Title: Software Team Lead / Principal Engineer

Location: Bingham

Type: Full-Time

Role Overview

At **SURE Solutions**, we specialise in innovative **CCTV, telematics, and AI-driven software solutions** designed for the vehicle technology sector. Our mission is to provide cutting-edge hardware and software products that ensure safety, efficiency, and reliability for our clients. As part of our continued growth, we are seeking a skilled and experienced **Software Team Lead / Principal Engineer** to lead our team of developers and ensure the successful delivery of cutting-edge **AI, cloud-based, and IoT-integrated** software solutions. This role combines **technical leadership** and **team management**, with a strong emphasis on formalising development processes, optimising CI/CD pipelines, and ensuring project excellence. The ideal candidate will have a passion for innovation, hands-on technical expertise, and a proven track record in leading software teams.

Key Responsibilities

- **Technical Leadership:** Lead, mentor, and inspire a team of **Full Stack Developers** and **Software Engineers** to achieve their full potential.
 - **Development Oversight:** Oversee and contribute to the design, development, and deployment of **AI-driven, cloud-based, and IoT** software solutions.
 - **CI/CD Implementation:** Establish and implement **CI/CD pipelines** to optimize the software development lifecycle.
 - **Process Formalisation:** Develop and enforce **best practices** for software development, testing, and deployment processes.
 - **Cross-Functional Collaboration:** Work closely with hardware engineers, data scientists, and business analysts to ensure technical solutions align with business goals.
 - **Architecture & Code Quality:** Lead **architectural discussions** and **code reviews** to ensure high-quality, scalable, and secure solutions.
 - **Innovation:** Drive innovation in **AI, computer vision, telematics, and IoT technologies** to enhance our product offerings.
 - **Project Management:** Manage project timelines, ensuring deliverables are met within scope and budget.
 - **System Monitoring:** Monitor system performance, troubleshoot issues, and proactively maintain operational excellence.
 - **Escalation Point:** Act as a point of escalation for technical challenges, providing hands-on solutions when required.
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Required Skills and Qualifications

- **Experience:** Proven experience leading software development teams, particularly in **AI, IoT, computer vision**, or **telematics** projects.
- **Technical Expertise:** Strong background in full-stack development with technologies like **Python, JavaScript, PHP**, and frameworks such as **Flask** or **Django**.
- **Hardware Integration:** Experience with **hardware-software integrations** and cloud platforms (e.g., **AWS, Azure, GCP**).
- **CI/CD Knowledge:** Proficiency in CI/CD tools and practices (e.g., **Jenkins, GitLab CI, CircleCI**).
- **Agile Methodologies:** Solid understanding of **Agile** methodologies and project management principles.
- **Testing & QA:** Familiarity with testing frameworks, automated testing tools, and quality assurance processes.
- **Soft Skills:** Exceptional **communication** and **collaboration** skills with experience in cross-functional teams.
- **Education:** Bachelor's or master's degree in computer science, engineering, or a related technical field.