

JOB DESCRIPTION

Position	Technical Lead-Digital Health Platform
Work Location	Delhi
Employment	Payroll

About ARMMAN

Founded in 2008, ARMMAN is a non-profit leveraging mobile health (mHealth) technology to create scalable, cost-effective, equity-based and gender-transformative, non-linear, systemic solutions to reduce maternal and child mortality and morbidity in India. We work directly with pregnant women and mothers to improve their health seeking behaviour while building capacities of health workers at all levels to ensure efficient antenatal and childhood care, and timely diagnosis, management and referral of high-risk conditions during pregnancy and infancy.

We adopt a “tech plus touch” approach leveraging the deep mobile penetration in the country, along with existing health worker networks of the government and partner NGOs to improve health outcomes.

- Interventions implemented by ARMMAN have reached over 80 million women and 554,592 health workers across 27 states to date.
- ARMMAN has received several awards and honours including the Skoll Award for Social Entrepreneurship 2020 and MIT Elevate Prize 2021, as well as grants from Co-Impact, Google.org, USAID, and others.

Role Overview

We are seeking a highly motivated and hands-on Technical Lead to drive the design, development, and delivery of our Digital Health Platform.

The Technical Lead will be responsible for translating architectural vision into scalable technical solutions while owning sprint execution, low-level design, code quality, and day-to-day engineering delivery. This role requires strong technical expertise, hands-on development capabilities, and the ability to lead internal and vendor engineering teams.

The ideal candidate is a strong full-stack/backend engineer who leads by example through coding, technical problem-solving, and engineering excellence.

Roles and Responsibilities

- Own end-to-end technical delivery of one or more platform modules, including design, development, testing, deployment, and production support.
- Own sprint planning, technical estimations, backlog grooming, and delivery commitments for the engineering team.
- Lead day-to-day execution of development activities and ensure timely delivery of high-quality software.
- Translate architecture and business requirements into detailed technical solutions and Low-Level Designs (LLDs).
- Conduct LLD reviews and code reviews to ensure adherence to architecture standards, coding guidelines, security practices, and quality expectations.
- Collaborate with the Principal Architect to review solution designs and ensure implementation aligns with platform architecture and engineering standards.

- Actively contribute to application development, debugging, troubleshooting, and production support.
- Develop scalable APIs, integrations, and platform services using modern engineering practices.
- Mentor engineers and vendor developers while driving engineering excellence and continuous improvement.
- Ensure platform security, scalability, reliability, operational readiness, and successful release management.
- Drive adoption of AI-assisted engineering practice

Qualification & Skills

1. Education

- Bachelor's degree in Computer Science, Information Technology, Software Engineering, Electronics & Communication, or a related engineering discipline

2. Experience

- 8–10 years of software engineering experience, including experience as a Senior Engineer, Lead Engineer, or Technical Lead.
- Experience in leading engineering teams and managing vendor developers.

3. Technical Expertise

- Strong hands-on experience building scalable applications using Node.js, Python, Golang and React.
- Strong understanding of data modelling, PostgreSQL, SQL/NoSQL databases, and scalable application design.
- Experience working with cloud gplatforms (AWS, Azure, or GCP), containerized deployments, and CI/CD practices.
- Strong understanding of application security, scalability, reliability, performance optimization, and modern software engineering practices.
- Experience designing API-first, microservices-based, and event-driven applications.

4. Leadership & Collaboration

- Strong ownership mindset with the ability to independently drive engineering delivery and delivery outcomes.
- Excellent communication, stakeholder management, and problem-solving skills.
- Ability to mentor engineers and drive technical excellence within the team.
- Ability to balance hands-on development responsibilities with team leadership and delivery ownership.
- Drive engineering quality, technical excellence, and continuous improvement initiatives.

5. Preferred

- Experience in Healthcare, HealthTech or Digital Platform organizations.
- Experience building reusable platform services, shared components, and API-first applications.
- Experience working with cloud-native, microservices, and event-driven architectures.
- Experience leveraging GenAI-assisted development tools to improve engineering productivity, testing, documentation, and software delivery outcomes.

How To Apply

- Interested candidates please send the application with your updated resume to careers@armman.org
- Please use “Technical Lead-Delhi” the subject line for the application mail.