ALAGAPPA COLLEGE OF MEDICAL SCIENCES & RESEARCH INSTITUTE

A Unit of Dr. Alagappa Chettiar Educational Trust

Dr. Ramanathan Vairavan
Chairman

Dr. Anita Radhakrishnan MD
Executive Director

JOB OPENING

Lead Developer – Web, Mobile & ERP Infrastructure

POSITION	EMPLOYMENT TYPE	LOCATION	PAY SCALE
Lead Developer	Full-Time	Karaikudi (On-site)	As per Industry Standards

DEPARTMENT	REPORTING TO
Alagappa InfoTech (IT)	IT Head / Management

Position Overview

The Alagappa Group is seeking an experienced **Lead Developer** to plan, design, develop, deploy and maintain its websites, mobile applications and ERP infrastructure.

The candidate will lead the technical development process and ensure that applications are hosted securely and efficiently on cloud platforms or on-premises servers, based on business and operational requirements.

Key Responsibilities

Technical Planning & Architecture

- Translate business requirements into technical plans, application architecture and development road maps.
- Guide developers and coordinate with other teams under the guidance of the IT Head.
- Select suitable technologies, frameworks, databases and hosting approaches.
- Estimate development effort, infrastructure requirements, timelines and resource needs.
- Report progress to the IT Head on a daily, weekly and monthly basis.

Application Development

- Lead the design, coding, testing and delivery of websites, web applications and mobile applications.
- Develop clean, scalable, maintainable and secure code, following coding standards and version-control practices.
- Coordinate code reviews, testing, debugging, documentation and release management.

Server, Cloud & On-Premises Deployment

- Manage application environments, server configuration, networking, databases, backups, monitoring and security controls.
- Plan releases, upgrades, disaster recovery and ongoing application maintenance.

Infrastructure Capacity & Cost Management

- Analyse server and cloud utilisation (CPU, memory, storage, bandwidth, database capacity) and optimise resource usage.
- Control hosting costs through capacity planning, right-sizing, storage management and cost monitoring.
- Provide periodic reports on infrastructure utilisation, performance, risks and costs.

Technical Leadership

- Establish development standards, technical documentation and deployment procedures.
- Ensure application availability, scalability, performance, data protection and maintainability.

Required Technical Skills

Frontend	React and modern JavaScript / TypeScript web development.
Backend	Python, Rust, Java, C and C++.
Mobile	Delivering and maintaining mobile apps; relevant mobile frameworks and store deployment.
Server & Infra	Linux / Windows server administration, application hosting, networking, databases, web servers and deployment automation.
Cloud / On-Prem	Deploying and managing applications on at least one major cloud platform and/or on-premises infrastructure.
DevOps	Git, CI/CD pipelines, containers (e.g. Docker), testing, monitoring, logging and backups.
Security	Authentication, access control, secure coding, patching, vulnerability awareness and disaster recovery.

Note: Candidates should have strong hands-on expertise in the technologies relevant to the organisation's projects and the ability to work across the listed languages and frameworks. The final technology mix will be confirmed during technical evaluation.

Qualifications & Experience

- **B.E. / B.Tech / M.E. / M.Tech** in Computer Science or IT, **MCA**, or **M.Sc.** Computer Science.
- Minimum **8 years** of software development experience, including at least **3 years** leading a development team.
- Proven track record of delivering web and mobile applications to production and maintaining them.

HOW TO APPLY

Interested candidates are invited to submit their updated CV, mentioning **Lead Developer** in the subject line, along with links to their portfolio or GitHub profile where available.

Email your CV to: **hr@alagappa.org**