



## **Lead Software Engineer**

**Reports to:** Head of Technology

**Role type:** Full -Time

**Location:** Bangalore

**Role Commencement:** Immediate

### **About MAP**

The Museum of Art & Photography (MAP) is one of India's first major museums of South Asian visual culture. The museum is housed in a state-of-the-art, 44,000 square foot building, designed by the acclaimed Indian architectural practice Matthew & Ghosh, on a landmark site at the heart of Bengaluru's museum district. MAP's five-story building on Kasturba Road includes multiple galleries where the collection is displayed, an auditorium, an art and research library, an education centre, a specialised research and conservation facility, as well as a café.

MAP's collection includes more than 60,000 works predominantly from South Asian: Modern and contemporary art, living traditions, textiles, craft and design, pop culture, pre modern art and photography, dating from the tenth century to contemporary times.

MAP's mission is to take art and culture to the heart of the community, making it accessible to diverse audiences, and to create a museum-going culture that encourages people to experience art and heritage in new ways. The museum is a space for ideas and conversations that are initiated through its collection, enabling the museum to engage with audiences in multiple ways. MAP seeks to inspire people to interact with art in ways that encourage humanity, empathy and a deeper understanding of the world we live in.

With a focus on accessibility for people with disabilities, and technological tools to make the museum relevant and exciting, MAP ensures a holistic experience for visitors of all ages.

Having launched online in December 2020, at the height of the pandemic, as India's only digital-first museum, MAP has been bringing its collection to life through



multiple pathways, from online exhibitions to a range of articles and essays, collaborations with museums around the world, engaging talks by leading industry figures, and educational resources for kids and adults.

### **Role Overview:**

The **Lead Software Developer** will play a key role in designing, developing, and implementing high-quality software solutions that align with the organisation's goals. This position requires strong collaboration with cross-functional teams to ensure smooth project execution while maintaining technical excellence. Additionally, the Lead Developer will mentor junior developers, fostering their growth and contributing to a high-performing development team.

### **Key Responsibilities:**

- Design, develop, and implement high-quality software solutions aligned with organisational goals.
- Collaborate closely with cross-functional teams to ensure seamless project execution.
- Maintain technical integrity of all software solutions.
- Mentor junior developers, fostering their growth and professional development.
- Contribute to a high-performing development team by sharing expertise and best practices.

### **Qualifications and Requirements:**

Bachelor's Degree in Computer Science, Engineering, or a related field

Master's Degree (optional, but preferred) in Computer Science, IT, or Software Engineering..



## **Experience:**

- 6–10 years of relevant experience in software development, with at least 2–3 years in a lead role.
- Proven track record of leading successful development projects and delivering high-quality software solutions.

## **Technical Skills**

- Strong proficiency in programming languages like Java, Python, C#, JavaScript, or other relevant languages.
- Expertise in software development frameworks (e.g., Spring, Django, .NET, React, Angular).
- Hands-on experience with cloud platforms (e.g., AWS, Azure, GCP) and CI/CD pipelines.
- Solid knowledge of database management systems (SQL, NoSQL) and version control systems (e.g., Git).
- Understanding of DevOps practices and familiarity with containerisation tools like Docker and Kubernetes.
- Experience with architectural design and scalable system development.

## **Soft Skills and Leadership**

- Exceptional problem-solving and decision-making abilities.
- Strong communication skills to collaborate with cross-functional teams and stakeholders.
- Proven ability to mentor and guide junior developers, fostering a collaborative team environment.
- Project management skills, including time management and resource allocation.



### **Certifications (Optional but Preferred)**

- Relevant technical certifications, such as AWS Certified Solutions Architect, Microsoft Certified: Azure Developer Associate, or certifications in programming languages or frameworks.
- Certifications in Agile methodologies (e.g., Certified ScrumMaster).

### **Equality & Diversity**

MAP is an equal opportunities employer. We oppose all forms of discrimination and believe that all people, regardless of their identity or membership of any group deserve to be treated equally, consistently and fairly. We welcome creativity, excellence and different perspectives that individuals of all backgrounds and abilities bring to our work.