

Position: Technical Architect

Job Code: TA02

Responsibilities:

- Design and develop scalable, high-performance, and secure software architectures.
- Collaborate with stakeholders to define technical requirements and create architectural blueprints.
- Provide technical leadership and mentorship to development teams.
- Ensure best practices, coding standards, and architectural principles are followed.
- Evaluate and recommend appropriate technologies, frameworks, and tools.
- Conduct code reviews and optimize system performance.
- Work closely with DevOps teams to ensure CI/CD pipelines and cloud deployments are efficient.
- Address security, compliance, and performance concerns in system design.
- Troubleshoot technical issues and provide solutions for complex challenges.
- Stay updated with industry trends, emerging technologies, and best practices.

Experience/Qualification

- 8+ years of experience in software development, with at least 3+ years in an architectural role.
- Bachelor's or master's degree in computer science, Information Technology, or a related field.
- Proven track record of designing and implementing complex, distributed, and scalable systems.
- Strong background in microservices architecture, API design, and system integration.

Skills

- Solid experience with Web Application development focusing on UI development.
- Good working knowledge of PHP and Javascript framework and components. React JS/Angular/Node.JS, HTML5, CSS JavaScript, JQuery, AJAX.
- Good knowledge of working with Custom frameworks. Experience with pluggable Architecture and with Web containers.
- Good understanding of agile methodologies, iterative development, scrum etc.
- Familiar with cloud deployment (AWS/Azure/Digital Ocean)
- Knowledge of React JS or Angular JS or any other latest UI technologies.
- Expertise in programming languages like Java, Python, .NET, or Node.js.
- Strong knowledge of databases (SQL & NoSQL) such as PostgreSQL, MySQL, MongoDB, or Cassandra.
- Experience with containerization and orchestration (Docker, Kubernetes).
- Knowledge of DevOps, CI/CD pipelines, and Infrastructure as Code (Terraform, Ansible, etc.).
- Familiarity with security best practices in application and cloud architectures.
- Excellent problem-solving skills and the ability to make technical decisions.

Good to Have:

- Certifications in AWS, Azure, or GCP (e.g., AWS Solutions Architect, Azure Solutions Architect).
- Experience with event-driven architecture and messaging systems (Kafka, RabbitMQ).
- Knowledge of AI/ML, blockchain, or IoT technologies.
- Understanding of enterprise architecture frameworks like TOGAF.
- Exposure to front-end technologies (React, Angular, Vue.js) for full-stack architecture design.

About Us:

Our mission is to prevent harm to people, environment, cargo or ship, through education and training of seafarers. We aim to do this through Micro-learning videos, Gaming apps for learning and Virtual Reality programs, Mentoring online.

We also provide CBT's, Webinars and long form courses where required. We specialize in making customized content as required by clients, especially in the field of re-creating incidents to learn from them. Our Digital Learning Management System is a comprehensive platform for managing the entire content in a way that allows the training department and the HSE departments to monitor the progress of every seafarer. Extensive analytics are available to encourage a learning mindset for the entire organization.

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