

CONFIDENTIAL POSITION SPECIFICATION

Position	AWS Solutions Architect
Company	Hapag-Lloyd Technology Center
Location	Chennai, India
Reporting to	Product Manager
Website	www.hapag-lloyd.com

COMPANY BACKGROUND

Founded in 1847, the roots of Hapag-Lloyd AG go back to the 19th century, when the company set sail for New York with their first ships of general cargo and passengers. From these beginnings, Hapag-Lloyd has grown into a leading and globally active container liner shipping company with an exciting history founded on core company values.

With a fleet of 266 modern container ships and a total transport capacity of 2.0 million TEU, Hapag-Lloyd is one of the world's leading liner shipping companies. In the liner shipping segment, the company has 13,500 employees at locations in 140 countries with 403 offices. Hapag-Lloyd has a container fleet of 2.9 million TEU – including one of the largest and most modern fleets of reefer containers. Worldwide, 113 liner services ensure fast and reliable connections between more than 600 ports on all continents. In the Terminal & Infrastructure segment, Hapag-Lloyd bundles its holdings in 20 terminals in Europe, Latin America, the USA, India and North Africa. Around 2,900 employees work in the Terminal & Infrastructure segment and complementary logistics services at selected locations.



"We care. We move. We deliver." – these are our corporate values, and they are at the heart of everything we do. Our values tell a story about where we come from. They define who we are, and they guide us on our path into the future. They guide the way we do business, inspire us, motivate us, and help us find the right path like an inner compass – together.

Our values are not only linked to our actions and business activities, but also to our vision and mission. In 2018, we set ourselves the goal of becoming the "Number One for Quality". We have a clear strategy that will help us along the way. Our values are a guiding force that will enable us to implement this strategy in a sustainable way.

"Connecting the world across oceans" – that's what we stand for at Hapag-Lloyd. That's our goal, and that's what we've always done – for more than 175 years. Today, we connect companies, markets and economic systems. We facilitate global trade, promote the prosperity of countries and businesses, and open up new opportunities wherever we operate.

Our greatest asset on this journey is our 14,500+ employees around the globe. And what unites us all is our common culture and our values: "We care. We move. We deliver."

THE IT ORGANISATION

A globally focused shipping and terminal organisation, Hapag-Lloyd is continuing to drive an ambitious and complex change and transformational program to modernize the applications enabling the digital journey of its customers. Hapag-Lloyd's strategy depends on a successful digital transformation.

As such, the business is building competitive advantage through technology and digitising interaction with customers and its core operational processes. Against this backdrop, the Global One IT has a mandate from the executive board to lead the technology transformation of Hapag-Lloyd.

This role is based in Chennai which has just recently been established as one of 3 global IT hubs for Hapag-Lloyd and will be the global IT development hub. The Software Engineer is required to play a crucial role in helping Hapag-Lloyd to achieve its goals by successfully innovating and creating world class solutions while optimizing the costs as efficiently as possible.

THE ROLE – CLOUD INFRASTRUCTURE ENGINEER

Join us on a transformative journey as we migrate from mainframe-based applications to a cloud-based platform on AWS. As an AWS & Infrastructure Specialist, you will play a critical role in leading the migration of our infrastructure, designing scalable and secure cloud solutions, and optimizing our document and EDI platform. You'll collaborate closely with software engineers, architects, and other infrastructure teams to make key architectural decisions, ensure high performance and security, and oversee the successful transition to the cloud environment.

If you're excited about leading cloud migrations, optimizing AWS infrastructure, and ensuring a seamless, scalable platform, we invite you to apply and help shape the future of our cloud infrastructure!

YOUR RESPONSIBILITIES

- **Lead Cloud Migration:** Drive the transition of data center-based infrastructure to AWS, focusing on containerization and the migration of up to 40 servers.
- **Architecture & Design:** Collaborate with software engineers and architects to design cloud-based solutions that are scalable, secure, and optimized for performance.
- **Security & Compliance:** Evaluate and implement security and compliance strategies, ensuring cloud environments meet industry standards.
- **Optimization:** Continually optimize cloud infrastructure for scalability, security, and performance to ensure the reliability and efficiency of our platform.
- **Documentation:** Develop clear, maintainable documentation for cloud systems, ensuring transparency, ease of knowledge transfer, and long-term sustainability.
- **Process Improvement:** Review and refine cloud migration and infrastructure management processes, ensuring smooth transitions and continuous optimization.

WHAT WE ARE LOOKING FOR

Technical

- **Cloud Platforms:** Extensive experience with AWS services, including Amazon ECS, Amazon RDS (with Aurora Serverless), Amazon S3, and AWS SQS

- **Performance & Scalability:** Proven ability to design and implement high-performance, scalable systems, ensuring applications can handle high loads and meet business needs.
- **Containerization & Orchestration:** Proficiency in Docker, ECS, Fargate, and container orchestration for deploying cloud-based applications.
- **CI/CD & Automation:** Hands-on experience with GitLab CI, EC2-based runners, and automation tools like Renovate Bot and Semantic Release to streamline deployments.
- **Security & Compliance:** Implementing best practices and company policies, working with e.g. AWS Security Hub
- **Infrastructure as Code:** AWS CDK, TypeScript, knowledge of Terraform welcome
- **Database & Storage:** Experience managing cloud-based databases, schema management, and scalable storage solutions like Amazon S3.
- **Monitoring & Observability:** Familiarity with Grafana, Prometheus, Datadog and OpenTelemetry for hybrid application monitoring and performance optimization.
- **Software Engineering:** Java, Maven, Sprint Boot experience is welcome

Personal

- Require 6+ years of technology experience with trending technologies.
- At least 5 years of experience in design and development of software, experience with large multinational organisations is highly preferred.
- Excellent communication and collaboration skills
- Strong analytical and problem-solving abilities.
- Proactive cost reduction, automation, and improvements in process efficiency.
- Ability to work independently and as part of a team.
- Highly motivated and results oriented.
- High Energy, able to motivate, collaborate and to generate followership.
- Strong communication skills, with demonstrated capability in engaging a large, distributed organisation.

WHAT WE OFFER

- Competitive salary
- Self & Family Health Insurance
- Term & Life Insurance
- OPD Benefits
- Employees' Deposit Linked Insurance Scheme (EDLI)
- Learning & Development through HL Academy
- Flexible Work from Home
- Leave Travel Allowance
- Variable performance bonus
- Recreation facilities
- Privilege, Casual and Sick leaves

HAPAG-LLOYD TECHNOLOGY CENTRE IS A PLACE FOR EVERYONE.

At Hapag-Lloyd Technology Centre, we believe that we can only succeed if we let our differences enrich our culture. Our Hapag-Lloyd Technology Centre associates come from a variety of backgrounds and experience levels. We consider everyone irrespective of their

ethnicity, religion, sexual orientation, gender identity, family or parental status, national origin, veteran, neurodiversity or differently abled status. We celebrate diversity, equity and inclusivity in our workforce as a cornerstone of our success. Our commitment to a broad spectrum of ideas and backgrounds is what enables us to innovate solutions that make a difference in the shipping world.

We are One Team and foster a transparent and inclusive environment, where everyone's voice is heard. We care, We move, We deliver.