

Systems & Operations Engineer

About DHI

DHI is a global and independent company dedicated to working on challenges within the fields of water and environment and sustainability. Within these fields, we provide a wide range of advisory, digital advisory, research and water governance services as well as providing leading edge MIKE technologies and products to the market. At DHI, we are constantly looking for passionate and talented people who are eager to join our team.

By joining DHI, you will not only become part of a dynamic and collaborative global team of experts; you will be empowered to innovate, engage and grow in your area of expertise. DHI is committed to disseminate our knowledge effectively and across our worldwide network of offices.

Purpose of role

Responsible for the Development, Maintenance, Administration, and Operations of Systems supporting DHI's projects in Singapore and APAC

Key performance metrics

Key performance metrics include:

- Successful end-to-end delivery of new features for Operational Systems
- Continuous system and feature availability of Operational Systems
- Meeting SLA metrics for internal stakeholders (primarily M&C)

Key stakeholders

The key stakeholders are the Development / Operations team in "Software Projects", as well as Project Managers and Leaders in M&C Singapore.

Key responsibilities

The candidate will be able to acquire a deep understanding of DHI's operational systems, enabling him / her to contribute successfully to

- Development and maintenance of features
- Monitoring system health, IoT data stream and data processing tasks
- Infrastructure maintenance both on prem servers and cloud services
- Performing essential operational tasks, including data acquisition, automating data processing, running simulations
- Documentation for security, policies, procedures and incidents
- Reporting

The candidate will support the Development / Operations team to ensure that mission-critical systems overall are performing as expected. The role aims at ensuring the overall fitness-for purpose and continuous availability of the Operational Systems, primarily supporting Marine & Coast business out of Singapore. The Operational systems are mission-critical to this business.

Skills, Knowledge & Experience

Education:

- BSc or higher in Engineering, Computer Science or equivalent

Experience:

- 3-5 Years of experience in a role with similar responsibilities – e.g. as developer, systems engineer and/or IT operations specialist

Mandatory Skills:

- Extensive experience in developing back-end and desktop software using C#.NET.
- Proven expertise with database technology and SQL.
- Strong knowledge of IT infrastructure, including Networking and MS Azure
- Good experience in operating and managing applications in Microsoft Windows environments / Windows servers.
- Good concepts of System disaster recovery (setup, configure and maintenance).

Desirable skills:

- Other programming languages like Python, C++, Visual Basic.
- Knowledge of other OS such as Linux/Ubuntu.
- Proficiency in hydrological and hydraulic simulation models or other types of mathematical modelling systems
- Experience with MIKE Powered by DHI software is highly advantageous Solid knowledge of

Geographic Information System (GIS) technology, such as ArcGIS or QGIS.

- Familiarity with Internet of Things (IoT) technology.

Characteristics

- Operational mindset with a strong drive to ensure secure connectivity, optimal availability and quality of services
- Excellent communication skills (English)
- Able to collaborate effectively with team members, clients, and stakeholders
- Able and motivated to work in an international environment

Location & Mobility

The role is based in our **Jakarta, Indonesia** office with regular travel to Singapore for meetings

How to apply

Please submit your application including CV via the relevant job posting on DHI's website:

<http://www.dhigroup.com/careers>

Deadline for application is **31 October 2025**.