

Position Description

Software Engineering Manager



BUSINESS UNIT	Product Development
REGION	Asia Pacific, Pune, India
REPORTS TO	Senior Director
DIRECT REPORTS	N/A

About Energy Exemplar

Energy Exemplar is the global market leader in the technology of optimization-based energy market simulation. Our software suite, headlined by PLEXOS and Aurora, is used across every region of the world for a wide range of applications, from short-term analysis to long-term planning studies.

Driven by the frenetic pace of advancements in computing technology and mathematical algorithms, our people continually think of novel approaches and more realistic simulations that enhance decision making, create market opportunities that benefit us all and enable utilities and regulatory authorities to become smarter, more energy efficient and profitable.

Energy Exemplar continues to 'push the envelope', being first-to-market with the latest advances in mathematical programming and energy market simulation theory, as it strives to offer the most comprehensive simulation software to its customer base. Development continues to be headquartered in Adelaide, South Australia, led by Glenn Drayton and backed by a team with expertise in software development, operations research, economics, mathematics, statistics, and electrical engineering.

Our Core Values

CUSTOMER SUCCESS

- Solve the problems that matter
- Deliver solutions that drive outcomes
- Customers' success drives our business success.

ONE GLOBAL TEAM

- A place where everyone can do their best work
- Passionate about making a positive impact
- Collaborate, communicate and act as one team

INTEGRITY & OWNERSHIP

- Take ownership and be accountable for outcomes
- Value spirited debate then align behind decisions
- Operate at the highest standards

INNOVATION EXCELLENCE

- Frontrunners – relentlessly pursuing innovation and excellence
- Foster idea generation at all levels
- Create the future by pushing the boundaries of today

About the Role

Energy Exemplar is the market leader in Energy Simulation Software. We exist so that our customers can make the most informed decisions at the most impactful times and want you to be part of that success. We are calling leaders who love building products, innovating, prototyping, and providing exceptional user experience. As a leader driving this area, you will focus on the challenges of

writing software and design to handle the vast array of use cases that our customers have today. You will be able to deep-dive into the details on business, operations, and engineering. A leader who is technical, detail-oriented and who can build and grow the organization, you'll play a part in changing the world for the better.

Key Accountabilities and Duties

- Own planning to delivery of quality product with a regular and swift cadence
- Lead a team of enthusiastic developers
- Control regression and issues through progressive measures
- Collaborate with global team regularly.
- Can get their hands dirty to debug or build features as required
- Drive interaction with cross-functional groups including product manager, customer support and sales to develop new functionality and support existing customers.
- Plan, implement, and release product based on the Agile scrum development process
- Responsible for technical development management of multiple projects & products
- Building highly scalable cloud based SAAS application using Open Stack
- Extending life of matured products with optimized sustenance engineering practices
- Mentoring, coaching & building product team focused on outcomes
- Influencing the product teams for extreme ownership of the deliverables.
- DevOps transformation using Agile and SCRUM methodologies.

Required Knowledge, Skills and Experience

- Recent experience working in product company
- 10 plus years' experience in product development field with hands on experience.
- Rich experience with .Net, C# or relevant technologies with SQL Server or any RDBMS
- Experience with cloud-based application with AWS or Azure
- Experience with building micro services & horizontal & vertical scalable applications.
- Sound awareness of web security principles OWASP, PII, GDPR
- Strong logical, analytics and problem-solving skills
- 2+ years' experience with people management responsibility
- Must be able to work effectively across team boundaries, receiving and delivering requirements from multiple teams in the organization
- Strong organizational skills with ability to handle various tasks, attention to detail
- Strong oral and written communication skills
- Good understanding of SCRUM is desired
- Awareness of big data & machine learning technologies
- Engineering graduates or higher.

Preferred Qualifications:

- Management Training and Experience is highly recommended
- Good understanding of SCRUM is desired

Education/ Licensing/Certification:

- Master's degree in engineering, preferably Electrical/Electronics/Computer from an accredited institution.

Above all, to be successful in this role the successful candidate will have:

Outstanding attention to detail – Must have excellent attention to detail when analysing data and preparing / issuing reports for customers.

An analytical mind – Must have the ability to effectively analyse data and identify patterns / trends across situations that are not obviously related, and to identify key or underlying issues in complex situations.

A strategic mind – Must have the ability to think strategically, conceptually, imaginatively, systematically and opportunistically.

Initiative – Must be proactive and have the ability to initiate actions based on own interpretation or understanding of varying situations.

Patience - Governments and energy organizations can move very slow, very fast and everything in between. You will have to accommodate varying levels of commitment and timing and not push a situation that requires patience.

Emotional Intelligence - You need to feel the customers situation, problems, sense of urgency, energy.

Resilience and Tenacity – Successful candidates will be willing to work under pressure in a dynamic environment.

Curiosity - We are looking for someone who is a lifelong learner. We want someone who is naturally curious and passionate about learning.

Excellent Communication - Spoken and written communications skills are tremendously important in this role. You will need to be an excellent communicator to be successful in this role.

Flexibility - Comfort with change and working in a sometimes uncertain environment will be key.

Key Stakeholder Relationships

This role works collaboratively with all Energy Exemplar staff, particularly:

- India Development Centre colleagues
- Global Product Delivery Team
- Global Product Development Team
- Global Support Team