

Position Description

QA Engineer



BUSINESS UNIT	Product Development
REGION	Asia Pacific,Pune, India
REPORTS TO	Quality Assurance – Manager
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

As a team member you will be part of a team which has full responsibility for development & testing aspects of the application. You will have the drive to focus on your work, help support you team to achieve continuous improvement, work in line to have best testing approach and participate in initiatives to improve quality, performance and maintainability with a strong focus on customer satisfaction and usability.

You will have the opportunity to work with an energetic team, using agile development methodologies.

Key Accountabilities and Duties

<p>Test Artifacts – Create, Update, Execute</p>	<ul style="list-style-type: none"> Review and analyse requirements, create and execute test cases through manually as well as automated and analyse the results. Report bugs and errors to development teams and Conduct post release and post implementation testing Work closely with Software Developers and other QA engineers to deliver the highest quality products in a timely and cost-effective manner. Generating reports such as defect analysis report, feature status reports Follow the software development life cycle methodology through the life of the project with specific focus on software quality
<p>High Quality Contribution</p>	<ul style="list-style-type: none"> Design, develop, review, re-factor, and maintain automation framework, test cases and scripts with quality and performance in mind. Identify and manage risks for schedule and quality with the team Add to engineering team's culture of high code & product quality
<p>Global Team Interaction and Collaboration</p>	<ul style="list-style-type: none"> Willingness to assist and support others as required and get on with team members Seek support from local and global QA & developer teams when required. Recommend solutions and options to global team when required.

Required Knowledge, Skills and Experience

<p>Foundation Knowledge, Skills, Experience and Qualifications</p>	<p>Essential or Desirable</p>
<p>Bachelor's / Master's degree in Computer Science or Electrical or related field or equivalent</p>	<p>Essential</p>
<ul style="list-style-type: none"> Technical/Professional Expertise - Proficient with Web application testing and test strategies. 	<p>Essential</p>

Foundation Knowledge, Skills, Experience and Qualifications	Essential or Desirable
<ul style="list-style-type: none"> • Analysis/Problem Solving - Goes beyond immediately available information to establish the root of a problem or situation and identifies solutions • Personal Drive - Ensures quality and timeliness by proactively resolving problems • Teamwork - Valuing input from colleagues and building positive relationships • Communication - Communicates in a manner appropriate to the recipient and situation • Innovation - Produces creative ideas and solutions • Organizational Awareness - Aligns own behavior with defined ways of doing business, consistent with group values 	
<ul style="list-style-type: none"> • At least 1 years' experience with Azure/AWS • Good understanding of Automation, Automation Framework and hands-on experience with scripting • Basic knowledge of performance and Load testing 	Desirable
<ul style="list-style-type: none"> • Ability to work independently and collaboratively. • Ability to interact effectively with team members, • Good oral and written communication skills. • Excellent Analytical and out of the box thinking skills • Time management, prioritizing and decision-making skills • Proficient with Web application testing experience 	Essential

Key Stakeholder Relationships

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

- Indian Development Centre colleagues
- Senior IDC Management
- Chief Product Officer
- Global Product Delivery Team
- Global Product Development Team
- Global Support Team