

Li Jun

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Birth Year: 1980
Nationality: China

Language Ability: Chinese (Native)
English (Fluent)

Current Location: Zhangjiagang

EDUCATION / QUALIFICATIONS

1999/09 – 2003/07 WUHAN UNIVERSITY OF
HYDRAULIC AND ELECTRIC ENGINEERING
Bachelor in Mechanical Design and Automation

SUMMERIZE

- 4 Years of experience as PDMS/E3D Administrator, Not only Skilled in PDMS, E3D, Tekla, Navisworks, but also developed a lot of Add-ins using C# and PML. Part of the add-ins I developed: <https://lijuncq.github.io/works.html>
- 13 years of experience, as Layout & Piping Engineer in the design of Steam Power Plants, Seawater FGD, Aluminum GTC, FTC. Familiar with Steam Power Plant piping design procedure. Have international project design experience. And developed a lot of PDMS/E3D/Tekla/AutoCAD add-ins to improve design efficiency.
- 5 years of experience as mechanical engineer in heavy equipment lifting.

EXPECTATION

Position PDMS/E3D Administrator

Availability: 1 month

EMPLOYMENT HISTORY

2024/08 – Now

Wacker Chemicals (Zhangjiagang) Co., Ltd.

Position PDMS/E3D Administrator
Reporting to DEAM(Digital Engineering Assets Management) manager
Subordinate 0

Responsibilities:

- Create new E3D projects.

- Check cata & spec database in E3D after transferred from COMOS.
- Prepare and issue E3D related procedures.
- Check and integrate E3D databases handed over from Engineering contractors.
- Develop E3D/Navisworks add-ins to support internal engineering team and engineering contractors.
- Wacker Tool training and technical support for Engineering contractors.
- Navisworks training and technical support for internal engineering team.

2022/01 – 2024-08**Qingdao MacDermott Wuchuan Offshore Engineering**

Position PDMS/E3D Administrator
 Reporting to Engineering department manager
 Subordinate 0

Responsibilities:

- Set-up and maintain E3D system (Global projects).
- Create and maintain Piping/Cable tray/Structure cata & spec.
- Develop E3D/Tekla add-ins to support design team.
- E3D training and technical support.
- Unity interactive animations for lifting simulation.

2015/11 – 2021/12**General Electric (China) Co., Ltd.****2016/08 – 2021/12**

Position Lead layout & piping engineer
 Reporting to Layout & piping department manager
 Subordinate 0

Responsibilities:

- Aluminum Core Team member as lead layout & piping engineer.
- Provide technical support for Aluminum GTC, FTC execution project, layout & piping design review.
- SWFGD and NID plant layout & piping design, design review.
- Lead the 3D parametric design(Tekla + C#) project for Aluminum and NID design automation.

2015/11 – 2016/07

Position Senior Piping Engineer
 Reporting to Layout & piping department manager
 Subordinate 0

Responsibilities:

- Power plant turbine hall piping design batch leader
- Lead and review piping design inside turbine hall.
- Pdms/E3D key user.

2008/11 – 2015/11**Alstom (Beijing) Engineering Technology Co., Ltd.**

2013/04 – 2015/11

Position

Reporting to

Subordinate

Senior Piping Engineer

Layout & piping department manager

0

Responsibilities:

- Power plant turbine hall piping design batch leader
- Lead and review piping design inside turbine hall.
- Pdms key user.

2008/11 – 2013/04

Position

Reporting to

Subordinate

Piping Engineer

Layout & piping department manager

0

Responsibilities:

- Power plant turbine hall piping design
- Pdms key user.

2003/08 – 2008/10**Guangdong Power Engineering Corporation****2005/10 – 2008/10**

Position

Reporting to

Subordinate

Erection Technical Leader / Mechanical Engineer

Engineering Department Manager / Erection Technical Leader

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Responsibilities:

- Pdms design team management.
- Heavy equipment lifting solution and simulation on site.
- Small bore pipe (pipe diameter ≤ 50) arrangement on site.

2005/10 – 2008/10

Position

Reporting to

Subordinate

Mechanical Engineer

Erection Technical Leader

0

Responsibilities:

- Heavy equipment lifting solution and simulation on site.
- Small bore pipe (pipe diameter ≤ 50) arrangement on site.

Reason of leave:

Personal development

PROJECT EXPERIENCE**2024/08 – Now****Wacker Zhangjiagang & Nanjing site Projects**Position:

- E3D Administrator.

Company:

- Wacker Chemicals (Zhangjiagang).

Responsibilities:

- E3D system management
- E3D training and technical support.

2022/01 – 2024/08**Yellowtail FPSO & Ruya project**Position:

- E3D Administrator.

Company:

- Qingdao MacDermott Wuchuan.

Responsibilities:

- E3D system management
- E3D/Tekla Add-in development
- Training and technical support.
- Unity construction animation & simulation.

2018/12 – 2021/12**THQ, Emal 123, San Cprian...Aluminum tendering project**Position:

- Lead Layout & Piping Engineer.

Company:

- General Electric (China) Co., Ltd.

Description:

- Aluminum Gas & Fuel treatment tendering project.

Responsibilities:

- Prepare GA drawing for aluminum tendering project.
- Prepare piping BoQ for tendering project.

**2019/03 – Now
name)****Aluminum Automation and NID Config to Delivery Project**Position:

- Sub project Leader

Company:

- General Electric (China) Co., Ltd.

Description:

- 3D parametric design (Tekla + C#) project for Aluminum and NID products.

Responsibilities:

- Lead the 3D parametric design (Tekla + C#) project.
- Modeling parametric component and program developing.

2017/04 – 2017/07**Indonesian Tanjung Jati A WFGD Project**Position:

- Layout & Piping Engineer

Company:

- General Electric (China) Co., Ltd.

Description:

- 3D parametric design (Tekla + C#) project for Aluminum and NID products.

Responsibilities:

- Layout design for Reagent area.

2016/10 – 2017/07**Vietnam VINH TAN 4 EXTENSION SWFGD Project**

Position:

- Lead Layout & Piping Engineer

Company:

- General Electric (China) Co., Ltd.

Description:

- VINH TAN 4 EXTENSION SWFGD Project layout & piping design.

Responsibilities:

- Layout & piping design schedule planning.
- Progress & design review.
- Coordinate with other disciplines.
- Layout design & interface management.

2016/08 – 2016/11**Philippines Masinloc Power Plant SWFGD Project**Position:

- Layout & Piping Engineer

Company:

- General Electric (China) Co., Ltd.

Description:

- Philippines Masinloc Power Plant SWFGD Project layout & piping design.

Responsibilities:

- Layout & piping design for pump station and aeration area.

2015/06 – 2016/07**Thailand Mae Moh Power Plant Project**Position:

- Senior Piping Engineer

Company:

- General Electric (China) Co., Ltd. / Alstom (Beijing)

Description:

- Mae Moh Power Plant turbine hall piping design.

Responsibilities:

- Batch leader of closed cooling water system.
- Lead and review pipe basic and detail design for closed cooling water system.
- Pdms key user.

2014/09 – 2015/12**Six sigma Green Belt Project**Position:

- Project Leader

Company:

- Alstom (Beijing) Engineering Technology Co., Ltd.

Description:

- Pipe support working procedure and working instruction simplify.

Responsibilities:

- Team management and task assignment.
- Presided weekly meetings to review progress.
- Lead the team to find problem and propose solution for support design using 6 Sigma technics.

- Contact colleagues from another offices to help team member to get the needed resources.

Achievements:

- Located the problem of old design procedure and proposed modifications.
- Standardized piping support 2nd steel frame.
- Helped the developing of the design software PSHERS.
- Calculated benefit was saving 4000 man-hours per project.

2013/03 – 2015/05**Malaysia TANJUNG BIN Coal Fired Power Plant Project**Position:

- Senior Piping Engineer/ Deputy design manager

Company:

- Alstom (Beijing) Engineering Technology Co., Ltd.

Description:

- Tanjung Bin Power Plant turbine hall piping design.

Responsibilities:

- Coordination of Piping & Support design with Batch leaders.
- Review manpower requirements with design manager.
- Organize 3D model reviews.
- Interface management.
- Support (Technically) Piping & Support team.

2011/11 – 2013/03**Malaysia Manjung Coal Fired Power Plant Project**Position:

- Piping Engineer

Company:

- Alstom (Beijing) Engineering Technology Co., Ltd.

Description:

- Manjung Power Plant turbine hall piping design.

Responsibilities:

- Piping detail design for IP/LP Piping in turbine hall
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2007/07 – 2008/10**Guangdong Yangxi Coal Fired Power Plant Project**Position:

- Erection Technical Leader

Company:

- Guangdong Power Engineering Corporation

Description:

- Yangxi Coal Fired Power Plant construction project.

Responsibilities:

- Heavy equipment lifting solution and simulation on site.
- Pdms design team management.

2006/03 – 2007/07**Hebei Sanhe Coal Fired Power Plant Project**Position:

- Erection Technical Leader

Company:

- Guangdong Power Engineering Corporation

Description:

- Sanhe Coal Fired Power Plant construction project.

Responsibilities:

- Heavy equipment lifting solution and simulation on site.
- Pdms design team management.

2003/08 – 2006/03

Taishan Coal Fired Power Plant Project

Position:

- Mechanical Engineer

Company:

- Guangdong Power Engineering Corporation

Description:

- Taishan Coal Fired Power Plant construction project.

Responsibilities:

- Heavy equipment lifting solution and simulation in pdms on site.