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# PIPING ENGINEER RESUME

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## Summary:

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A highly motivated and skilled individual with experience in the field of mechanical, piping engineering design, drafting and construction; handles various projects including piping for power, industrial, chemical and oil & gas industries; an expert in CADD applications; trained to supervise, train, do field surveys and estimates, handle conceptual layouts and detailed piping design production using 3D modeling, fabrication drawings and materials sourcing; has extensive computer-related experience; proficient in certain applications used such as Microstation, PDS, PDMS, PSDS, Auto Plant, Microsoft Windows and NT, Microsoft Office, and other software programs

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## Professional Experience:

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Senior Piping Engineer January 2007 – Present  
Johnson Service Group, Oak Brook, IL

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### Responsibilities:

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- Did piping planning and conducted stress analysis and tests for power plants.
- Handled selection process of materials and advised procurement regarding preferred specifications to be used for projects.
- Prepared purchase recommendation and reviewed vendor drawings and terms of references for biddings.
- Handled overall layouts and schematic drawings.
- Led a team in creating 3D models using computer engineering software.

Piping Engineer May 2004 – December 2006  
Exponent, Wood Dale, IL

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### Responsibilities:

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- Handled product development and proposed projects using detailed plans of deployment and concept of equipment & piping layouts. Coordinated with all concerned departments who are assigned to handle construction projects.
- Developed and created accurate isometric drawings and piping plans whereby practical design knowledge is utilized.
- Assisted the Project Management Head by providing relevant information and budget estimation for construction projects.
- Updated flow charts and monitored results for logging in control charts to ensure that project is documented to the last detail.
- Handled phase-by-phase layout routine implementation and carried out proper maintenance operations.

Piping Engineer Trainee February 1999 – May 2004  
Exponent, Wood Dale, IL

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### Responsibilities:

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Piping Engineer May 2004 – December 2006  
Exponent, Wood Dale, IL

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## Education:

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Bachelor of Science in Mechanical Engineering, Rice University, TX, 1999

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## Skills:

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- With an In-depth knowledge of the laws, protocols of piping techniques applicable to any industry setup
  - Handled conceptualization of piping layouts
  - Proficient in the application of design standards, ASME, API and DnV design codes
  - Sound knowledge of high pressure piping
  - A resourceful team player with great attention to detail
  - Excellent communication & team leadership skills
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## Awards and Affiliations:

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Member, American Association of Piping Engineers  
Dean's Lister, Rice University, TX 2000

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