

Example of Software Design Engineer Job Description

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Our growing company is hiring for a software design engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for software design engineer

- Responsible for maintaining the Campus Information Services, enterprise portal message center and links
- Works with Product Managers and other Engineering team members in many phases of application development lifecycle
- Gathers information from functional experts and Product Managers to analyze and evaluate for technical solutions
- Works with Quality Assurance and User Interface analysts in order to develop test and usability plans
- Provides technical input on product or application related issues and questions
- Ability to work independently and in teams, lead teams as necessary
- Requires project management skills, MES, OEE, SCADA, HMI, PLC experience
- Experience in consumer goods industry, packaging, food and beverage industries is a plus
- Experienced in FactoryTalk ProductionCentre or like MES packages, FTView/Ignition/Wonderware SCADA/HMI packages, Historian (OSI PI, FT Historian, Wonderware Historian) and PLCs (Allen-Bradley, Siemens, GE)
- Facilitate knowledge transfer and understanding with broad audiences (technical and non-technical)

- Five (5) years or more of hands-on experience as a Software Engineer of Software Code Developer
- Mastery of software engineering tools needed and familiarity with software development Methodology and release processes
- Knowledge of industrial communication field buses (EtherCAT, Profinet, EtherNet/IP, Modbus)
- Mastery of the Microsoft.NET Framework and C#/Winforms GUI development
- Excellent problem solving skills, customer service and communication skills
- Open to occasional domestic and international travel as necessary