

Information Technology Software Developer

Description

Software developers create programs for computers or other devices that fill a specific need or niche within an agricultural business. They act proactively in providing suggestions in regard to product development, new services as well as technologies or enhancements to existing systems/configurations that assist the end user. This improves overall service to customers.

Education/Training Requirements

- Bachelor's degree in Computer Engineering or Computer Science (required)

Recommended High School Coursework

- Agriculture Education
- Coding
- Computer Science
- Computer Skills
- Mathematics

Common Responsibilities

- Provide technical and systems design expertise
- Act proactively in providing suggestions
- Develop test plans along with expected results
- Prepare implementation and recovery plans
- Install and test software
- Provide on-going production support as needed
- Provide estimates on project requests; ensure timely delivery based on the estimate
- Participate on assigned team projects
- Ensure that technical skills are kept up-to-date
- Assist in the development of programming expertise
- Promote agile practices such as continuous integration and paired programming
- Knowledge of agricultural terminology is a plus

Typical Employers

Agricultural companies that provide software solutions to producers/end users will employ software developers to create and maintain software programs.

Additional Resources

[Association of Information Technology Professionals](#)
[Association of Software Professionals](#)
[Software Development Forum](#)