

INFORMATION TECHNOLOGY SOFTWARE DEVELOPER

Software developers create programs for computers or other devices that fill a specific need or niche within an agricultural business.

WHAT RESPONSIBILITIES WILL I HAVE?

- Provide technical and systems design expertise to assist in the development, implementation, review and upgrade of Microsoft.net-based management and decision making systems
- Act proactively in providing suggestions in regards to product development, new services and technologies or enhancements to existing systems/ configurations which will assist the end user in improving overall service to customers
- Develop test plans along with expected results and perform quality testing
- Prepare implementation plans along with back-out 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 estimates
- Actively participate on assigned team projects fulfilling task assignments, meeting deadlines, and proactively seeking attainment of team goals
- Ensure that technical skills are kept up to date to provide most efficient support to end users
- Assist in the development of programming expertise within the systems development team
- Promote agile practices such as continuous integration, paired programming, and cross-functional development within the team
- Knowledge of agricultural terminology specific to the sector of agriculture the software is being developed for is a plus



WHAT EDUCATION & TRAINING IS REQUIRED?

Bachelor's degree in computer science or computer engineering is required

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, computer courses

TYPICAL EMPLOYERS

Agricultural companies that provide software solutions to producer/end user

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- Association of Information Technology Professionals
- Software Development Forum
- Association of Software Professionals

AVERAGE ANNUAL FULL-TIME SALARY

\$80,000