

SOFTWARE DEVELOPERS

OCCUPATION OUTLOOK IN SOUTHEAST MICHIGAN, CY 2022

WHAT OPPORTUNITIES ARE AVAILABLE?

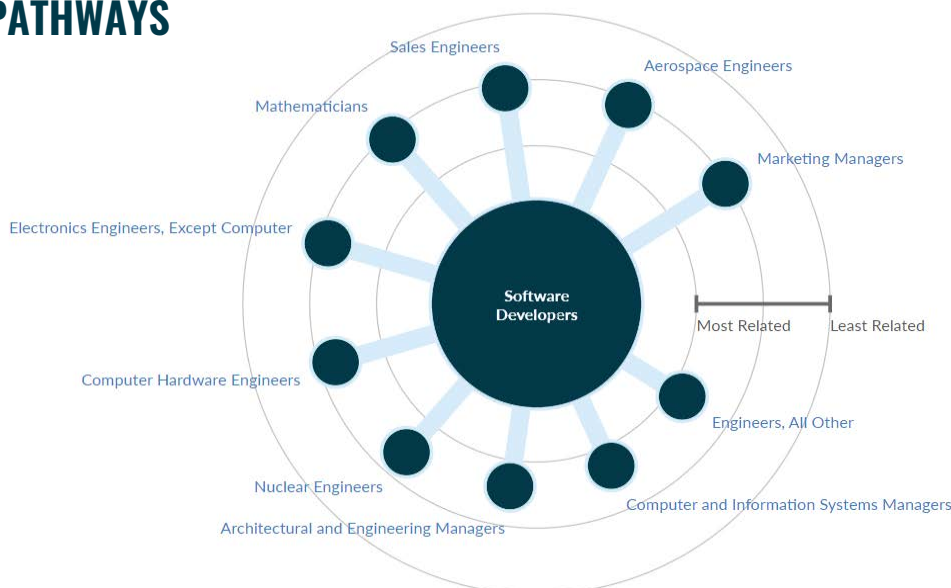
The demand for Software Developers is strong and growing in the region, consistently placing these workers among the highest-demanded in southeast Michigan. Software Developers, Applications and Software Developers Systems Software are the two primary branches of software development. Applications developers focus on end-user experience and specialized programs, while systems software developers work closely with critical network infrastructure and embedded technologies.

**29,317
WORKERS
EMPLOYED**

HOW MUCH COULD I EARN?

	ENTRY	MEDIAN	EXPERIENCED
Software Developers	\$30.05	\$47.13	\$64.18

RELATED CAREER PATHWAYS

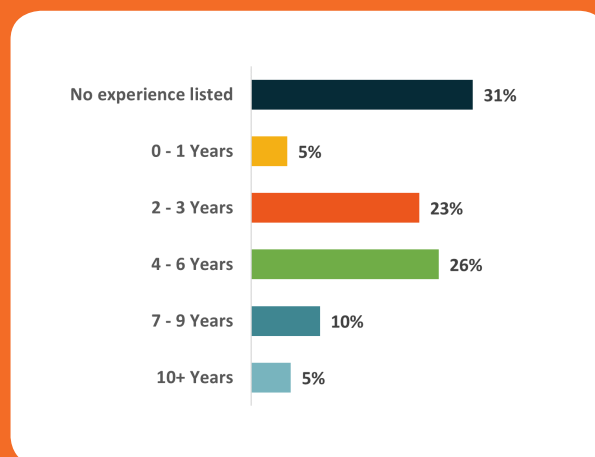
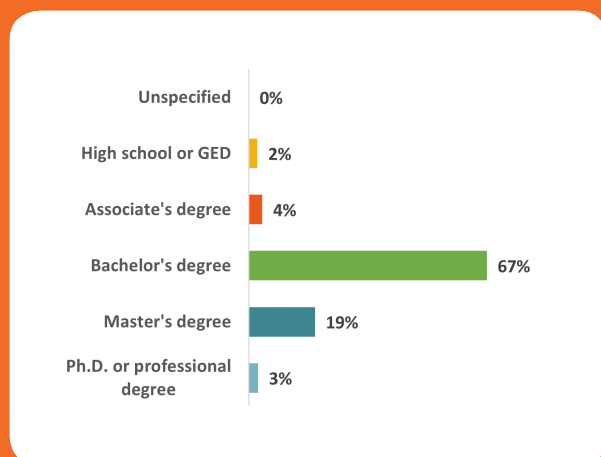


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WHAT EDUCATION & EXPERIENCE WILL I NEED?

Many software development occupations require a bachelor's degree for entry, a requirement reflected in 67% of postings. A master's degree is demanded in 19% of postings. Additionally, workers with two to three years of experience are requested in 23% of postings while advanced workers with four to six years of experience are also highly demanded.

EDUCATION AND EXPERIENCE IN JOB POSTINGS



**FOR TRAINING OPPORTUNITIES CONTACT YOUR LOCAL
COMMUNITY COLLEGE AND MICHIGAN WORKS! AGENCY**

WHAT TECHNICAL SKILLS SHOULD I DEVELOP?

- Computer Science
- Software Engineering
- Agile Methodology
- Software Development
- Java (Programming Language)
- SQL (Programming Language)
- JavaScript (Programming Language)
- Python (Programming Language)
- Debugging
- Application Programming Interface (API)

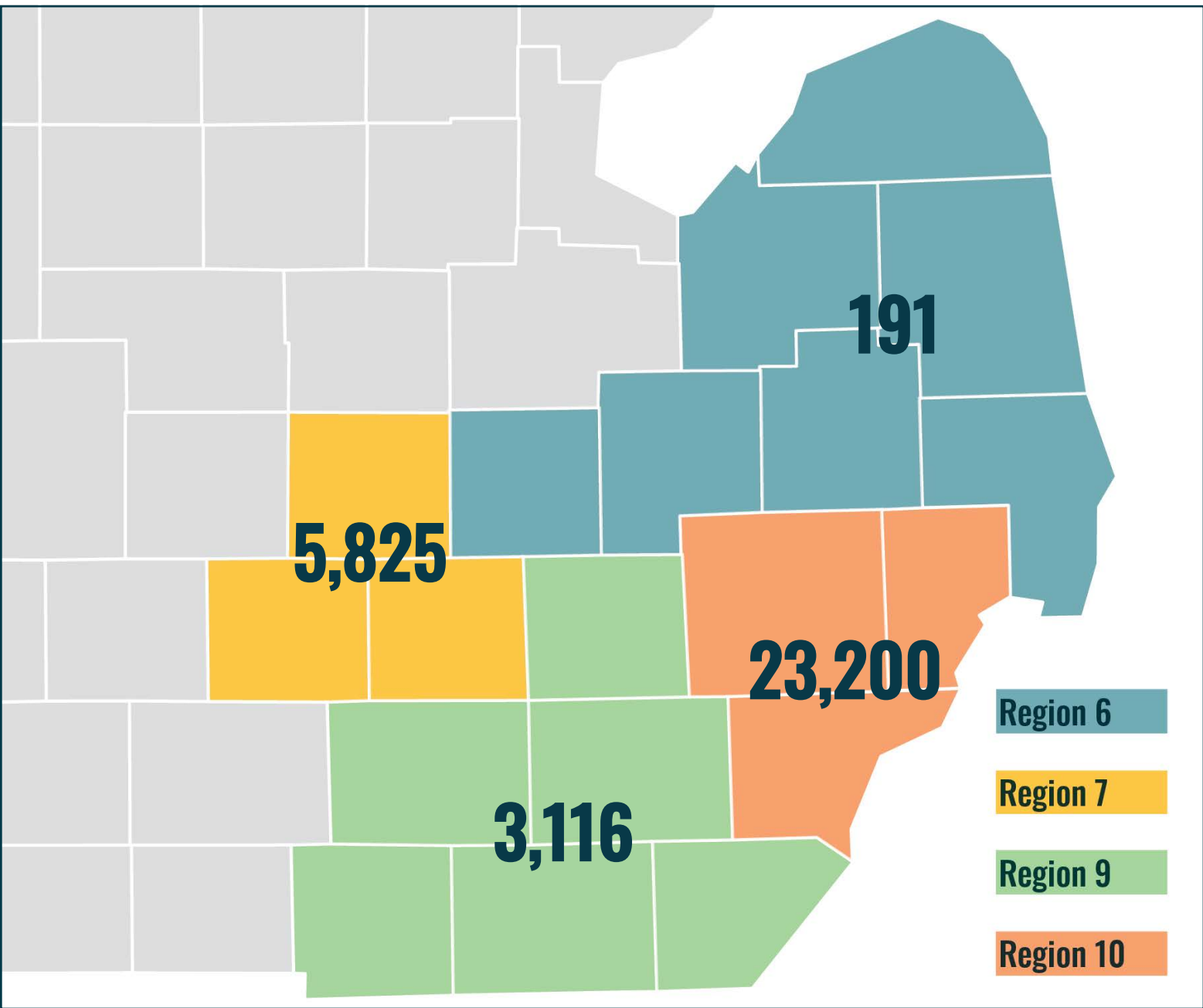
WHAT COMMON SKILLS DO EMPLOYERS LOOK FOR?

- Communications
- Management
- Problem Solving
- Leadership
- Troubleshooting (Problem Solving)
- Writing
- Planning
- Operations
- Innovation
- Information Technology

WHAT QUALIFICATIONS SHOULD I PURSUE?

- Secret Clearance
- Security Clearance
- Salesforce Certification
- Microsoft Certified Professional
- Certified Information Systems Security Professional
- CompTIA Security+
- Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)
- Salesforce Certified Platform Developer I

JOB POSTINGS BY PROSPERITY REGION



FOR TRAINING OPPORTUNITIES CONTACT YOUR LOCAL COMMUNITY COLLEGE AND MICHIGAN WORKS! AGENCY
*RELATED TECHNICAL INSTRUCTION PROVIDERS IN SOUTHEAST MICHIGAN ARE COLOR CODED TO MATCH THE PROSPERITY REGION

