

# SOFTWARE DEVELOPERS

OCCUPATION OUTLOOK IN SOUTHEAST MICHIGAN, CY 2022

## WHAT OPPORTUNITIES ARE AVAILABLE?

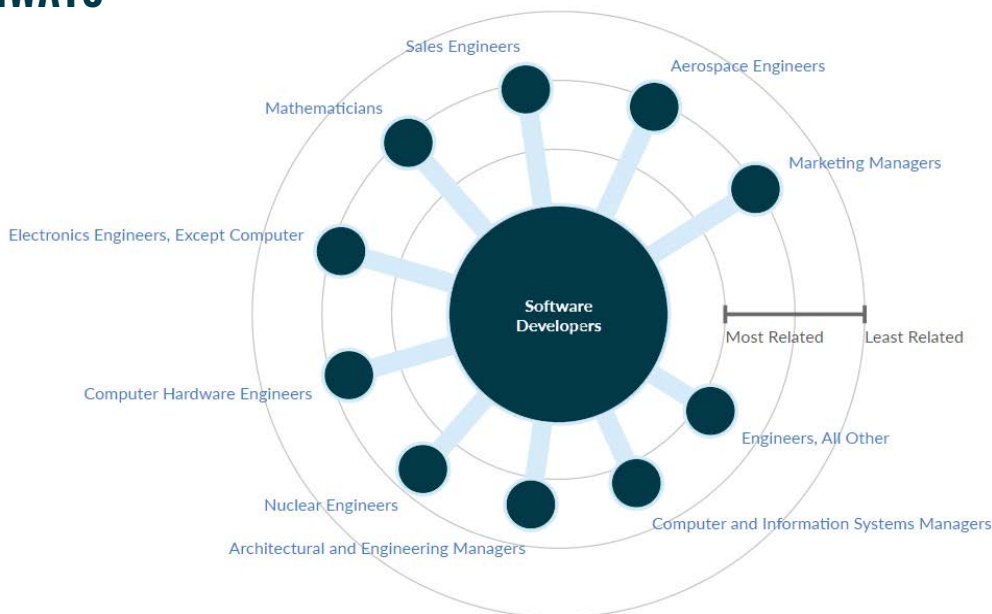
The demand for Software Developers is strong and growing in the region, consistently placing these workers among the highest-demanded in southeast Michigan. Software Developers, Applications and Software Developers Systems Software are the two primary branches of software development. Applications developers 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

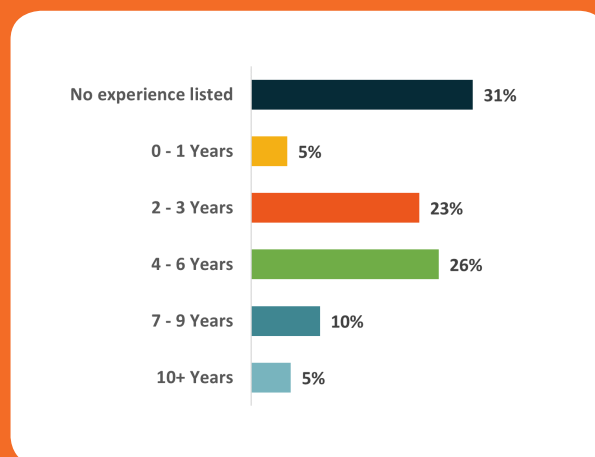
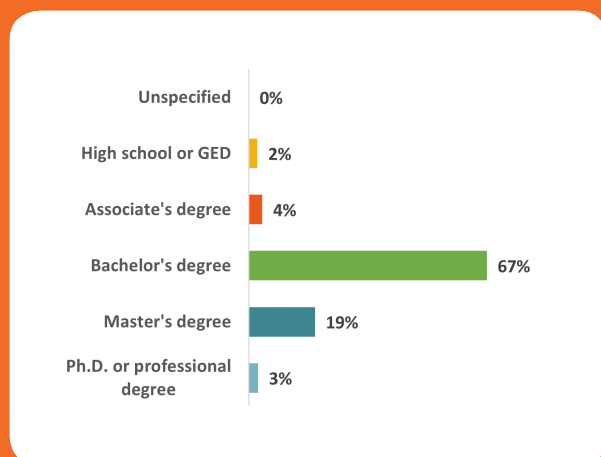
## RELATED CAREER PATHWAYS



## 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)

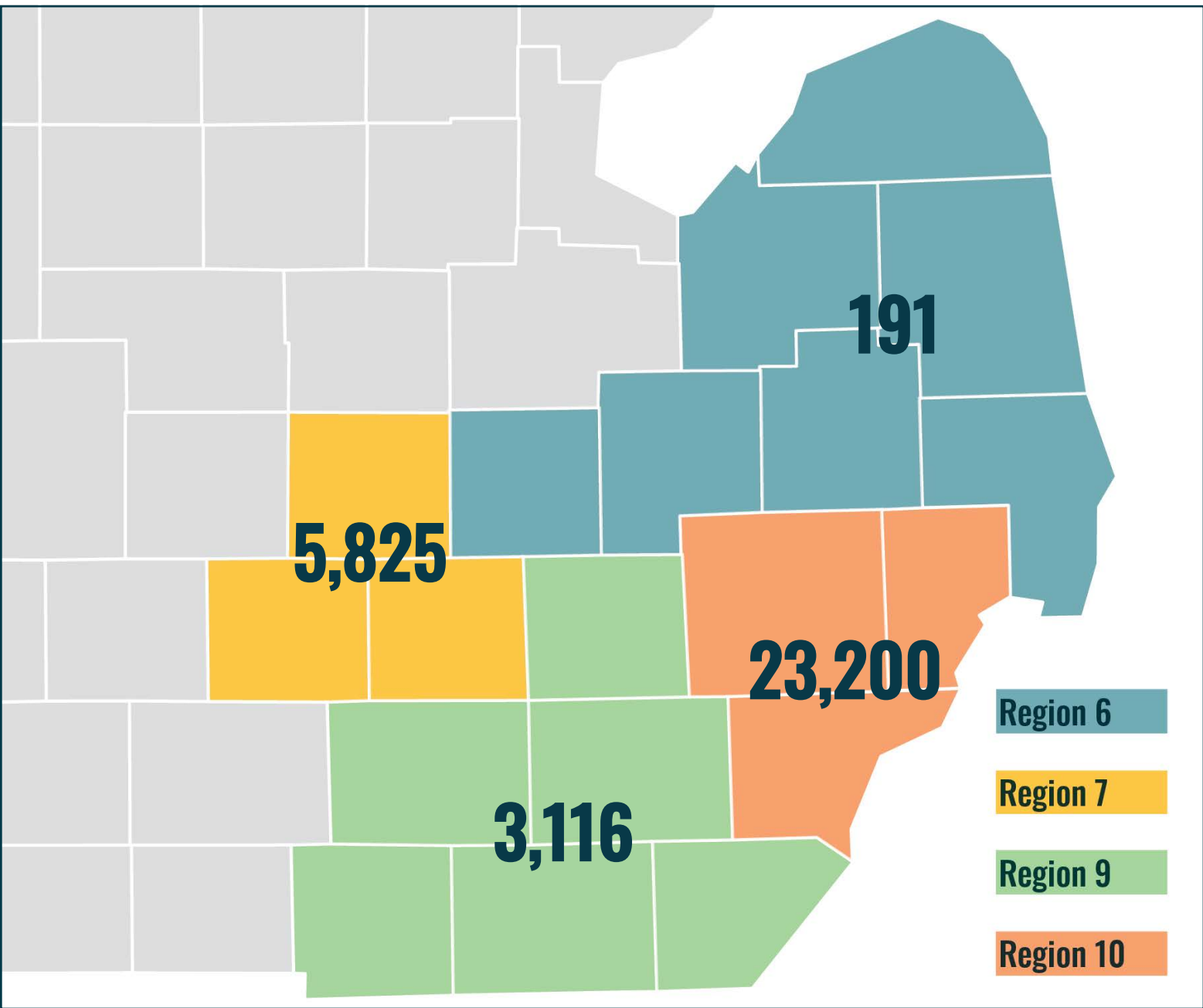
## WHAT COMMON SKILLS DO EMPLOYERS LOOK FOR?

- 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



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\*RELATED TECHNICAL INSTRUCTION PROVIDERS IN SOUTHEAST MICHIGAN ARE COLOR CODED TO MATCH THE PROSPERITY REGION

