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.

HOW MUCH COULD I EARN?

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>Entry</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Developers</td>
<td>$30.05</td>
<td>$47.13</td>
<td>$64.18</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unspecified</td>
<td>0%</td>
</tr>
<tr>
<td>High school or GED</td>
<td>2%</td>
</tr>
<tr>
<td>Associate’s degree</td>
<td>4%</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>67%</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>19%</td>
</tr>
<tr>
<td>Ph.D. or professional degree</td>
<td>3%</td>
</tr>
</tbody>
</table>

No experience listed: 31%

0 - 1 Years: 5%
2 - 3 Years: 23%
4 - 6 Years: 26%
7 - 9 Years: 10%
10+ Years: 5%

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
SOFTWARE DEVELOPERS

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

For more information, please visit winintelligence.org/data-research/career-profiles

2022