

Dorothy Lapp

Lead Software Engineer

Employment History

Lead Software Engineer at Akron Children's Hospital, OH

May 2022 - Present

- Led a team of 4 software engineers and 2 QA analysts in the development of an e-commerce platform that processed \$1M in sales per day.
- Implemented Agile methodology across the engineering team, resulting in a 50% increase in productivity.
- Developed 3 new features for the e-commerce platform that increased conversion rates by 2%.
- Reduced system downtime by 35% through implementation of proactive monitoring tools and protocols.
- Trained 5 junior software engineers on best practices for coding and unit testing.
- Led weekly standup meetings with cross-functional teams to ensure timely delivery of features.

Senior Software Engineer at The University of Akron, OH

Jul 2020 - Apr 2022

- Led the development of a new software application that increased sales by 20%.
- Developed a new algorithm that reduced manufacturing costs by 15%.
- Wrote code for a new feature that was adopted by 50% of users.
- Reduced system downtime from once per week to once per month.
- Led team of 4 engineers in designing and implementing a complex financial system.

Software Engineer at Owens Corning, OH

Aug 2015 - May 2020

- Led the development of a new software application that increased productivity by 15%.
- Developed a new algorithm that reduced processing time by 20%.
- Wrote code for 5 different applications that were successfully implemented.
- Worked with team to develop 3D imaging software used in medical field now utilized globally.
- Successfully created and patented original computer program still in use today by major companies worldwide.

Certificates

Certified Software Development Professional (CSDP)

Nov 2020

TensorFlow Developer Certificate

Jul 2019

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📍 1001 Cherry St, Toledo, OH 43624

Education

Bachelor of Science in Computer Science at The Ohio State University

Sep 2011 - May 2015

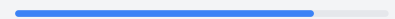
I have learned how to design and implement software solutions to problems, how to use and understand data structures and algorithms, and how to effectively communicate with others about complex technical topics.

Links

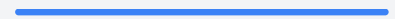
[linkedin.com/in/dorothy_lapp](https://www.linkedin.com/in/dorothy_lapp)

Skills

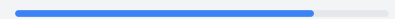
Java



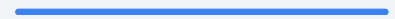
Python



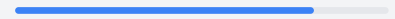
C++



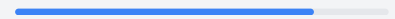
SQL



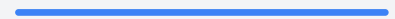
NoSQL



Hadoop

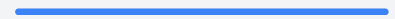


MapReduce



Languages

English



Urdu

