

# Hi, I'm Dex Ferrell.

Software Engineer

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## SUMMARY

Versatile and results-driven Software Engineer with a passion for crafting robust and scalable solutions. Proficient in full-stack development, I bring expertise in both front-end and back-end technologies. Adept at translating complex business requirements into efficient, user-friendly applications.

## SKILLS

- Software Best Practices
- Application Development
- Databases: MongoDB, Supabase
- Javascript
- Design Optimization
- Programming
- Design and Development
- React
- NextJS
- NodeJS
- Vue
- TailWindCSS
- HTML5
- TypeScript

## EXPERIENCE

### SOFTWARE ENGINEER

01/2022 - Current

100Devs *Detroit, Michigan*

- Analyzed user requirements to develop software solutions and created technical specifications.
- Developed, tested, debugged and documented software programs using JavaScript, HTML and CSS.
- Collaborated with cross-functional teams to ensure quality assurance throughout the development process.

### Volunteer Coordinator

06/2016 - 01/2022

Elevation Detroit *Detroit, MI*

- Developed and implemented volunteer recruitment plans.
- Coordinated onboarding and orientation for new volunteers.
- Worked closely with staff members to ensure that tasks were delegated appropriately to volunteers.

### Intern

04/2018 - 12/2018

Qualcomm *Detroit, Michigan*

- Provided technical support to students in STEM classes by troubleshooting computer systems and software.
- Developed lesson plans for a variety of STEM topics, including robotics, coding and engineering.
- Created activities that promoted an interest in the sciences among elementary school students.
- Assisted teachers in creating hands-on projects for their classrooms that incorporated

science concepts.

**EDUCATION AND  
TRAINING**

**High School Diploma**

*Renaissance High School, Detroit, MI*

06/2018

**Some College (No Degree):** Computer Science And  
Programming

*Michigan State University, East Lansing, MI*