

# William McKelvey

## Software Engineer Leader

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**Product-Minded Agile Software Engineer | Customer-Centric Technical Project Leader**

### QUALIFICATION SUMMARY

I am a proven professional who consistently improves team culture, from entry-level employees to senior management, through clear open-minded and tactful communication, transparent processes, and the instillation of a growth mindset. This encourages teams to want to take on the next challenge while delivering excellent results.

### KEY SKILLS

|            |                      |                   |                |
|------------|----------------------|-------------------|----------------|
| ✓ React.js | ✓ HTML               | ✓ Leadership      | ✓ Mentorship   |
| ✓ Kotlin   | ✓ CSS                | ✓ Communication   | ✓ Jira         |
| ✓ Java     | ✓ Project Management | ✓ Problem-Solving | ✓ Adaptability |

### RELEVANT PROFESSIONAL EXPERIENCE

#### ELEKTROBIT

Farmington Hills, MI

Sep. 2019 - Oct. 2023

*At Elektrobit, I led various global, cross-functional teams of 5-10 people in locations including Germany, Romania, and India, using a variety of software tools such as React, Kotlin, Java, and C++. Examples of projects I led ranged from enhancing Over-The-Air (OTA) systems, which enabled swift software updates, to advancing in-vehicle user interfaces for infotainment systems, thereby saving costs without compromising quality. My technical and leadership skills ensured strategic project execution and effective mentorship in dynamic tech environments.*

#### Software Engineer

Sep. 2019 - Oct. 2023

- As one of two lead developers, I implemented an abstraction layer allowing developers to interchange components from open-source React libraries, using TypeScript, Rollup, and Storybook.
- Responsible for climate domain software architecture that integrated into the larger in-vehicle infotainment system that has sold 66,598 units to date, employing technologies such as React, Redux, HTML, CSS, MQTT, and more.
- Lead Software Developer and Technical Project Manager for an internal sales tool, employing Java, JavaFx, and SQLite to develop a tool enhancing quotation accuracy and efficiency.
- I designed and led Kotlin training sessions, enhancing the skills of over 30 developers from junior to senior levels by creating in-depth documentation and delivering presentations. Additionally, I organized weekly learning events and coached team members to decrease time it took to learn by 50%.
- Mentored and trained team members, emphasizing continuous improvement.
- Added to my build integration and integration testing skills to continuously improve software quality

#### Product Owner

Jan. 2023 - May 2023

- Maintained clear backlogs, defined user stories, and prioritized feature developments, ensuring alignment with strategic business objectives and customer requirements.

## ***Project Manager***

Oct. 2022 - Jan. 2023

- Led the CES 2023 projects for the company, managing the collaborative effort to showcase an Over-the-Air (OTA) system using Adaptive AUTOSAR. Additionally, I led the integration of our proprietary operating system with new vehicle network processors, employing technologies such as C++, Qt, and AWS to enhance performance and deliver cutting-edge solutions.

## **CLOAKHIRE**

Troy, MI

## ***Software Developer***

January 2018 - September 2019

- Led the frontend design, wireframing, development and refactoring of user interfaces using React, Redux, and Balsamiq.
- Executed meticulous unit testing using Jest and Enzyme and employed behavior-driven tests with Puppeteer and Jest, safeguarding functionality and enhancing user interactions across the platform.
- Enhanced client satisfaction by directly addressing their technical needs
- Developed and executed marketing tasks, which included creating and disseminating compelling written and visual content.

## **EDUCATION & CERTIFICATIONS**

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### **Google Project Management Certificate**

*Coursera*, Online

Oct. 2022

### **Professional Scrum Product Owner I**

*Scrum.org*, Online

Jan. 2022

### **Integrate Detroit Enterprise Development Bootcamp**

*Integral Detroit*, Detroit, MI

July 2018

### **Thinkful Full Stack Development Bootcamp**

*Thinkful*, NYC (remote)

Oct. 2017

### **Biology, Bachelors of Science**

*Wittenberg University*, Springfield, OH

Dec. 2010