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| Cory Starks  Software Engineer  [coryd.starks@gmail.com](mailto:coryd.starks@gmail.com) | [Github](https://github.com/corstar52099) | Sparks, NV  775-772-3441 |

**TECHNICAL SKILLS**

**Languages***:* Java, Python, Shell, C#, C++, C

**Technologies***:* Java CDI, Maven, Docker, JavaFX, Apache Kafka, SQL, Junit, Git, Google Cloud Platform/CLI, GPT API, Linux, Windows/PowerShell, RHEL, Distributed System Design

**Tools***:* Intellij, Visual Studio Code, Visual Studio, VMware Workstation, VNC Viewer, Chat GPT

**PROFESSIONAL EXPERIENCE**

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| **Sierra Nevada Corporation** | **Sparks, NV** |
| *Software Engineer 2* | *Dec 2021 - Current* |

* Developed a GUI improving mission time by 60%
* Refactored message bus, reducing API size by 80% with Apache Kafka
* Produced real time RF data visualization with <1ms response time
* Optimized testing frameworks increasing code coverage by up to 20%
* Implemented back-end data management using high level Java CDI
* Automated build components for optimized building and deployment using Maven
* Practiced CI/CD with automated testing and deployment design

**PROJECTS**

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| **Dance Studio Website |** [*Link*](https://creativesparksnv.com/) *•* [*Github*](https://github.com/corstar52099/Creative-Sparks-Website) | **Sparks, NV** |
| *Lead Full-Stack Developer* | *May 2022 – Aug 2022* |

* Redesigned website to be static reducing costs by $360 per year
* Adapted a modern look increasing conversion rate by 20%
* Designed and implemented the entire stack myself

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| **Be Heard AI Speech Recognition |** [*Github*](https://github.com/JacobMcAllister/Be.Heard) | **Sparks, NV** |
| *Front-End API Developer* | *Aug 2021 – May 2022* |

* Implemented Levenshtein distance algorithm for scoring the speech of users
* Designed several key pages of the web app

**EDUCATION**

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| **University of Nevada, Reno** | **Reno, NV** |
| *Bachelor of Science in Computer Science and Engineering* | *Aug 2017 – May 2022* |

**ADDITIONAL INFORMATION**

**PersonalInterests***:* Weightlifting, Guitar, Magic the Gathering, Video Games