Cory Starks

Software Engineer

coryd.starks@gmail.com | Github

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

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

Dance Studio Website | *Link* • *Github*   **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

Be Heard AI Speech Recognition | *Github*   **Sparks, NV**
Front-End API Developer   *Aug 2021 – May 2022*

- Implemented Levenshtein distance algorithm for scoring the speech of users
- Designed dynamic settings page back end and GUI

EDUCATION

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

ADDITIONAL INFORMATION

Personal Interests: Weightlifting, Plants, Guitar, Pilates