

Michael Whitlock

Software Engineer II

Michael Whitlock

Fort Mill, South Carolina

267.530.8665

michael@whitlock.studio

Skills

Java, Spring, Oracle, Jenkins, Ansible Tower, Git, Openshift

Publications

"Effectiveness of Classifiers to Identify Hand Gestures with Motion Capture Coordinate Markers," IEEE Xplore Digital Library, Jan 2021

Experience

Bank of America / Software Engineer II

June 2022 - PRESENT, Charlotte, NC

- Spearheaded the development of an Ansible playbook for automated SSL certificate management in OpenShift, reducing maintenance time by over 99% and eliminating manual errors.
- Engineered scalable RESTful API middleware services using Java and Spring Framework, enhancing system performance and maintainability to support a growing user base.
- Refactored legacy Spring-based middleware components, improving code efficiency and aligning with industry best practices, resulting in a 30% reduction in lines of code and thus increasing maintainability.
- Orchestrated end-to-end release activities by drafting Deployment Technical Specifications (DTS), scheduling tasks, and collaborating with cross-functional teams, ensuring 100% on-time production deployments.
- Streamlined OpenShift deployment processes by documenting workflows and automating repetitive tasks, reducing deployment time by 40% and enhancing team efficiency.
- Conducted comprehensive knowledge transfer sessions, upskilling 10+ team members and fostering a culture of continuous learning and collaboration.

Education

Ramapo College / Bachelors of Science., Computer Science

Jan 2020 - May 2022, Mahwah, NJ

- Co-authored machine learning paper to classify hand gestures
- Focused on robotics, interactive gaming, pathfinding, and SQL
- Developed a fully functional Multi-User Dungeon integrated into Discord