# Logan Lee Brown 🔗 ⬤

## Software Engineer

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## Profile Summary

- Accomplished Software Engineer with 3 years of experience delivering highly visible and complex projects within fast-paced environments such as Oracle Cerner.
- Talented Back-end Developer proficient in Programming Languages (Java, JavaScript, C++), Frameworks & Libraries (React, JAX-RS), Databases (Oracle SQL), Dev Tools (Maven, Git, Docker), Cloud & DevOps (CI/CD), and key methodologies like Microservices, REST, and Agile.
- Engaged collaborator with strong interpersonal skills, able to influence and align multiple teams with conflicting priorities to drive progress under aggressive time constraints.
- Able to effectively navigate ambiguity, complexity and change when stakes and pressure are high, and lead without authority to overcome obstacles and ensure delivery.

## Education

**University of Arkansas** ↗ B.Sc. in Computer Science                **Fayetteville, AR**  2015-2019

## Technical Skills

**Programming Languages**: Java, JavaScript, C++, Python, HTML, CSS
**Frameworks & Libraries**: React, Jersey, JAX-RS
**Databases**: Oracle
**Dev Tools**: Maven, Git, Docker, Postman, Cucumber
**Cloud & DevOps**: CI/CD
**Concepts & Methodologies**: Microservices, Distributed Systems, Backend, REST, Unit Testing, OOP, Scrum, Agile, SAFe, Jira

## Professional Experience

**Oracle Cerner** ↗                                                   **Kansas City, MO**

Software Engineer                                                   Feb. 2020 - Apr. 2023

- Collaborated in the enhancement of Oracle Health's flagship EHR product, Millennium, by focusing on enterprise-level microservices, utilizing Java, Jersey, JAX-RS, Hibernate, Maven, and Docker, achieving superior system reliability.
- Collaborated within the Revenue Cycle Management structure, including the Domain, SRV, REST layers, in addition to the Project Manager, Scrum Master, and Product Manager, maintaining close communication and asking calibrated questions to ensure alignment.
- Transformed REST layer patterns from a Monolithic architecture to Microservices, leveraging Java, Jersey, and Hibernate, resulting in a 50% improvement in API responsiveness and enhanced user experience.
- Executed continuous integration and deployment pipelines integrating Maven and Docker, ensuring streamlined and efficient release cycles, resulting in a reduction in deployment time.
- Championed the uplift of REST layer services by transitioning to advanced versions of Jersey and JAX-RS, optimizing the backend system's responsiveness, reducing response times.
- Developed and executed unit and integration tests, utilizing industry best practices, resulting in a 30% reduction in bug discovery post-deployment.
- Served as the lead engineer, overseeing REST layer services, providing mentorship, delegating tasks, and conducting thorough code reviews to uphold the highest standards of software quality.
- Developed and enhanced the RoomFinder application at Oracle Cerner during the "Dev Academy" onboarding process, utilizing a JavaScript front end and Java backend to map and track office room locations based on user input.
- Engaged in continuous learning and professional development, staying abreast of emerging technologies and industry trends, ensuring the incorporation of cutting-edge tools and techniques in the development process.

Software Engineer (intern)                                          Jun. 2019 - Aug. 2019

- Developed a feature to facilitate the filtering of health plans by user category, significantly enhancing user experience.
- Analyzed user needs, conducting in-depth interviews to extract key insights, leading to clearer project deliverables.

Software Engineer (intern)                                          Jun. 2018 - Aug. 2018

- Investigated the integration of the ELK stack (Elasticsearch, Logstash, and Kibana) for the platform, and presented findings to support upper management with decision making.
- Shadowed Senior Engineers, seeking opportunities to contribute while observing their work to learn best practices.

## Software Projects

### Recipe Calculator [↗] Software Developer 2017

- Single-handedly developed a Java-based "Cooking Assistant" application leveraging Java.
- Designed an aesthetically pleasing user interface that enabled a combobox for recipe file selection, providing an intuitive user experience.
- Implemented a dynamic ingredient loading module, which allowed for ingredient scaling based on meat quantity input and achieved an optimal application response time.
- Constructed a custom recipe save function, integrating with the system to store data as text files for future access.

## Leadership Experience

### University of Arkansas [↗] ACM President Aug. 2019 - May 2020

- Organized hackathons for over 70 participants and coordinated career development events, partnering with companies like Phillips 66, ConocoPhillips, Cerner, Koch, Google, J.B. Hunt, and local firms.
- Delivered talks to classes and organizations, emphasizing ACM's pivotal role in enhancing job placement and providing early access to industry insights for students.

### University of Arkansas [↗] ACM Hackathon Coordinator Aug. 2018 - May 2019

- Organized and promoted hackathons using sponsorships, reaching over 70 participants, and conducted talks for classes and organizations emphasizing their significance to the university community.