J. MACK STANLEY

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EDUCATION

MISSISSIPPI STATE UNIVERSITY   Starkville, MS
Bachelor of Science in Computer Science   December 2023
GPA: 4.0
Concentration in Human and Visual Computing
Minor in Cognitive Science

EXPERIENCE

Software Engineering Intern   May 2023 – August 2023
Ellucian
- Utilize 10+ AWS services to orchestrate the ingestion and transformation of terabytes of data.
- Maintain and improve data lake services providing data analytics to 45+ universities.
- Create automated monitoring pipelines with Jenkins for 65+ production tenants.
- Improve unit testing in JavaScript with Jest and C# with xUnit and Moq.

Web Development Assistant   August 2021 – Present
Mississippi State University Libraries
- Develop React web apps for the university serving 20,000+ individuals.
- Utilize React, Python, and Tailwind CSS to create a tool for batch digital object identifier (DOI) registration.
- Address 5 user requests per week using the LibAnswers ticketing system.
- Maintain 10 university websites with Drupal.

Front-End Web Developer   August 2022 – December 2022
FedEx – Class Project, Mississippi State University
- Utilize React and Tailwind CSS to create a flexible work job bid board facing 200,000+ employees.
- Report progress to FedEx with 3 presentations during the semester.

Back-End Software Engineering Intern   June 2022 – August 2022
Optum | UnitedHealth Group
- Utilize Java Spring Boot to pre-fill clinical questionnaires used by 5,000+ healthcare providers worldwide.
- Lead a team of 5 as scrum master during agile development stand-ups and sprints.
- Communicate with business owners on product requirements and issues.
- Participate in a hackathon with 550 teams company-wide.

SKILLS

Programming Languages and Frameworks

React	JavaScript	Tailwind CSS	HTML	Python
Java	Spring Boot	TypeScript	Jest	C#

Software

AWS	Jenkins	Datadog	PostgreSQL	Git
Atlassian Suite	GitHub	Linux	Drupal	LibApps