BRITNEY EPPS

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PROFESSIONAL SUMMARY

Expert Staff Software engineering professional with proven skills and progressive experience. Accomplished in coordinating teams, resources and projects to meet short-term objectives and realize long-term vision. Manages projects and designs effectively according to established roadmaps and adapting to dynamic challenges and roadblocks.

SKILLS

- Data Structure Proficiency
- Web Application Development
- Design and development

- Software Architecture Design
- Project Management Experience

- Continuous Integration and Deployment
- Database Management

EXPERIENCE

Director of Engineering   December 2022 - Current
JustAir | Detroit, MI

- Spearheaded the strategic direction and operational processes of the engineering department at JustAir, enhancing team productivity and project delivery.

- Led the backend development of JustAir's main tech stack, ensuring robust and scalable software solutions.

- Directed cross-functional teams in the deployment of advanced technology solutions, significantly improving air quality monitoring services.

Engineering Manager   January 2022 - July 2022
Code for America | San Francisco, CA

- Managed 6 direct reports of different level of expertise (apprentice to staff engineer)

- Helped hire software engineers, engineering managers, product managers, and Director of Engineering ops to fill positions of need in the department

- Handle restructuring of teams to best fit the requirements of now

Senior Software Engineer   April 2020 - January 2022
Code for America | San Francisco, CA

- Utilized Java, Spring and Thymeleaf as a fullstack developer for the SHIBA (State hosted integrated benefits application) team working on delivering a web application for the state of Minnesota and its citizens to apply for safety net programs at the state level.

- Led active role on team in setting up the alert and monitoring system, Datadog.

- Reduced time for applying to 9 safety net programs from 55 minutes to 12 minutes.

- Created retry systems around the state systems to keep applications being processed, such as resending failures and emailing them if the current SFTP pipeline has errors.

- Engineering mentor for an apprentice out of bootcamp, as well as for the other developers in different levels of their career.

- Refactored a test suite utilizing JUnit and Selenium from 20 min to <4 min.

- Hosted workshops for team mates and other developers to break down technologies such as Sentry, Datadog, and other tools we use to maintain the quality of our code base.

- Assisted in increasing the safety net team numbers, being involved in the interview process for Sr. Product Managers and Engineering Managers. Wrote a blog post on how to use Thymeleaf with SpringBoot

- Built and tested automation tools for infrastructure provisioning.

Software Engineer   November 2018 - April 2020
StockX | Detroit, MI
- Backend developer for the POSSE Team that focused on payments, operations, services, and shipment details dealing with orders on the StockX platform (web and mobile).

- Contributed software engineering expertise to development of products through the agile lifecycle, from requirements definition through successful deployment.

- Worked with a team of software developers to refactor a monolith into multiple microservices

- Designed microservices that utilized REST APIs built in Golang & NodeJS.

- Lead conversations about sofware architecture discussion and software implementation dealing with the release of StockX's All-In Market which directly increased our global market share.

- Utilized AWS terraform in order to create environments that could connect microservices together as well as spin up new services as needed.

- Wrote, reviewed, and tested code for multiple software projects

Software Engineer   January 2012 - October 2018
GE Aviation | Cincinnati, OH
- Backend developer using Java/Spring framework for Repairs Operations Advisor which allows GE Aviation to save $75 million in cost through the repairs process.

- Maintained and evolved backed infrastructure utilizing Java/Spring framework for Project Advisor application who assisted engine program leads in saving $50 million in new engine program investments.

- Facilitated STEM related activities for children as the STEM Board Co-Lead for the Womens Network at GE Digitial.

- Collaborated with cross functional teams to develop a suite of tools in the supply chain space for GE Aviation that resulted in a savings of $150 million across the engine manufacturing and repair process.

- Completed a rigorous rotational leadership program while also acquiring a master in Computer Science from the University of Detroit.

- Designed and implemented a big data solution for a Fortune 500 company, resulting in a 10% reduction in energy usage.

EDUCATION

Master of Science (M.S.) - Computer Science   May 2015
University of Cincinnati, Cincinnati, OH

Bachelor of Science (B.S.) - Computer Science   December 2011

North Carolina A&T State University, Greensboro, NC