Manaswini Burugupalli

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WORK EXPERIENCE

Constant Contact Inc, Waltham, MA, USA – *Software Engineer*   *Jul 2022-Present*
- Configured tracking links identifying unique click counts on identical URLs, solving **100+** customer issues
- Architected system design for user entitlements segmenting **500+ users**, enabling tailored content access
- Proposed POC to identify device types from tracking links, increasing **50% accuracy in reporting data**
- Redesigned reporting dashboard increasing readability by 50%, **increasing** premium audience **acquisition**
- Tracked user actions on customer domain sites for attribution, improving **tracking abilities** by 40%
- Primarily maintained disaster recovery server for tracking email clicks, ensuring **100%** uptime
- Migrated on-prem microservice to Kubernetes, slashing downtime by 70%, improving system reliability

Stark & Wayne LLC, Buffalo, NY – *Software Engineering Intern*   *Jan 2022- May 2022*
- Developed platform for SREs to compare cloud deployments maintaining **100% system uptime**
- Built UI to form insights into versions and projects combined in the cloud release deployment
- Implemented login feature for deployment information, providing **100% user ownership** of deploys
- Engineered quick-view and favoriting of cloud releases to increase user productivity by 30%
- Streamlined the agile sprint cycles by coordinating with senior leadership and 5+ team

University at Buffalo, Buffalo, NY – *Teaching Assistant (Cybersecurity, Data Structures)*   *Aug 2021- Dec 2021*
- Mentored **200+ students** by reinforcing cybersecurity concepts shellshock, buffer overflow, TCP attack lab
- Reinforced data structures concepts to 200+ students such as **Linked List, HashMap, Arrays, Trees** etc
- Proofread cybersecurity labs, verifying docker images using Linux suggesting improvements by 40%

TECHNICAL SKILLS

Libraries: React, Highcharts, CSS | **Databases**: MySQL
Tools: JIRA, Jenkins, Argo CD, J-Unit, Jest, Open API, Helm, GIT, Figma
Languages: Java, JavaScript, Python, Scala,Springboot, NodeJS , Golang, C, C++, Shell Scripting
Cloud & Platforms: AWS, Azure, Kubernetes, Loki, Grafana, Splunk, New Relic, Argo, OpenShift, Rancher, Docker

EDUCATION

University at Buffalo, State University of New York   *Graduated: **May 2022***
Bachelor of Science in Computer Science **(Dean's list)**

PROJECTS

MeetNGreet, Conferencing Application (Node.js, REST API, React, JavaScript, MySQL,Docker, CSS, HTML)
- Pioneered a gamified personalized conferencing application simulating real world conferencing experience
- Built sound recognition system enabling sounds across virtual rooms to vary with user coordinates
- Enhanced user interaction by 40% with secure video and audio chat rooms supporting 50+ users
- Improved UI by 50% by integrating user feedback with A/B testing, building components in Figma

Music Recommender (Node.js, REST API, React, JavaScript, Python)
- Streamlined music recommendation system leveraging spotify API suggesting new music
- Devised mood specific music suggestions by integrating user input using Tensor flow
- Crafted user authentication using JWT to create secure platform access