Manasa Bhat

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EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA   Sept-2020 to May-2022
Master of Science in Information Systems
NMAMIT, Karnataka, India   June 2011-May 2015
Bachelor of Engineering

WORK EXPERIENCE

Google LLC - L3 SWE   Aug-2022 to Present
• Build and maintain Youtube Ads External Integration to improve and scale the complex ecosystem

Clario. – Software Engineer Co-op   Sep-2021 to May-2022
• Developed Web UI Single page Application extensively using HTTP, REST and JavaScript framework
• Designed, implemented, and tested dynamic, scalable components involving clinical metrics data capture, validation and back end save
• Extended existing web application to embed external visualization like Tableau

Infosys Technologies Ltd. - Technology Analyst   Oct-2015 to Feb-2020
• Optimized back end processes in Linux based intranet portal system implemented with agile iterative development
• Owned end to end implementation of pricing system along with reporting management
• Stabilized the system by implementing permanent fixes and logging mechanisms proactively
• Collaborated closely with product managers, clients and related teams to design, develop critical processes as well as deploy and validate codes
• Contributed to design discussions, quality assessment and mentored other team engineers

TECHNICAL SKILL

Technologies: Java, Cobol, Unix, picbasic, python, Nodejs, php, Shell scripting
Database: PostgreSQL, MySQL, Elasticsearch, MongoDB, Redis, Kibana
Web Technologies: JavaScript, Angular js, Nodejs, React, HTML5, CSS, Bootstrap, Spring MVC and Hibernate, Ajax
User Experience Design: Mockup tool, Axure, Figma

SKILLS

• Have cross-platform proficiency and quickly adapt to fast-growing technology
• Good experience in full stack component development from Web UI up to database sync and logging
• Recognized as a responsible software engineer with strong problem-solving skills and lateral thinking ability
• Good Experience handling priority incidents and troubleshooting with teams and users at challenging work environment

RELEVANT WORKS

Insurance Coverage Search and Indexing Tool (Rest, Nodejs, Elastic Search, Kibana, Redis, RabbitMQ) Nov-2021
• Developed REST API that can handle any JSON, oAuth using JWT token, key-value storage and parent-child search using Elastic Search indexing.

Movie Arena (MongoDB, Express Js, React, Nodejs, JWT and Nodemailer)   August-2021
• Developed search, review and view ratings of recent movies. Users can share details in social media and add movies to favorite collection.

SARS-CoV-2 Transmission Simulation Tool (Java, 2D Graphics, Directed Graph)   April-2021
• Demonstrated SARS-CoV-2 virus simulation analysis with various preventive measures like Masks and isolation, remote work, vaccine, quarantining, group gathering, etc.
• User selects population and factors, this panel will show real time transmission rate influenced by the factors considered. Contact Tracing is implemented using directed graph with adjacency list

WeConnect - Social Networking Application (Java, Spring MVC, AJAX, JavaScript, Hibernate)   April-2021
• Features of registration and update profile, scalable components for Friends, Posts, Like and Comments, to add, remove or block people, notifications and personal messaging.