

# Manasa Bhat

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## EDUCATION

### **NORTHEASTERN UNIVERSITY, Boston, MA**

**Sept-2020 to May-2022(Expected)**

Master of Science in Information Systems (GPA:3.8 on 4.0)

### **NMAMIT, Karnataka, India**

**June 2011-May 2015**

Bachelor of Engineering (GPA: 8.9 on 10.0)

## WORK EXPERIENCE

### **Clario. – Software Engineer Co-op**

**Sep-2021 to present**

- Worked on Web UI Single page Application Development
- Integrated Rest API and embedded Tableau components within existing code base and application UI
- Developed Web-Tier client-API components from capturing to save and sync into database based on user stories

### **Infosys Technologies Ltd. - Technology Analyst**

**Oct-2015 to Feb-2020**

- Maintained Linux based intranet portal system and troubleshooted back end processes and tickets defined by retail-based users
- Worked for agile, iterative development team improving efficacy of reporting and price management systems
- 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 for design discussions, assigned tasks and mentored team for sustenance and quality completion

## TECHNICAL SKILL

Technologies: Java, Cobol, Unix, picbasic, python, Nodejs, php

Database: PostgreSQL, MySQL, Elasticsearch, MongoDB, Redis, Kibana

Web Technologies: JavaScript, Angular js, Nodejs, React, HTML5, JSP, Bootstrap, Spring MVC and Hibernate, Ajax

## SKILLS

- Strong object-oriented programming and software design skills with cross platform proficiency
- Have strong experience in supporting user-centric application that operates round the clock
- 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
- Have good experience with handling priority incidents and troubleshooting with related teams and users at challenging work environment

## RELEVANT WORKS

### **Insurance Coverage Search and Indexing Tool (Rest API, Nodejs, Elastic Search, Kibana, Redis)**

**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 to 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 for which they want to see the virus simulation. The 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 (Advanced JAVA, Spring MVC, AJAX, JavaScript, Hibernate)**

**April-2021**

- Features of registration and update profile, posting and like/comment on friend's posts, add, remove or block people, notifications and personal messaging.