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# GIBRAN MYAGERI

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## EDUCATION

### Northeastern University

Master of Science in Computer Science | GPA: 4.0/4.0

Courses: Algorithms, Programming Designs Paradigm, Web Development, Foundations of Artificial Intelligence

Boston, MA

September 2023 - Present

### SRM Institute of Science and Technology

Bachelor of Technology in Electrical and Electronics Engineering | GPA: 8.1/10

Courses: Advanced Calculus, Discrete Mathematics, Probability and Statistics, Digital Signal Processing, Linear Integrated Circuits

Chennai, India

July 2014 - May 2018

## TECHNICAL SKILLS

**Programming Languages:** Java, C++, Python, JavaScript, MATLAB, HTML, CSS, Typescript, Go, Bash

**Databases:** SQL, MongoDB, Oracle SQL, SQLite, Relational Database, NoSQL

**Tools/Frameworks:** Git, Agile, Kubernetes, Docker, Jenkins, REST APIs, React, Angular, Node.js, Spring Boot, Redux, Junit

**Certifications:** AWS Certified Cloud Practitioner, Microsoft Azure Fundamentals AZ-500

## WORK EXPERIENCE

### NORTHEASTERN UNIVERSITY

#### Graduate Teaching Assistant

- Teaching and mentoring assistant to a cohort of 370 graduate and undergraduate students for the Web Development course, facilitating routine office hours to provide comprehensive support and mentorship in React, Node.js and MongoDB.
- Assessing and grading assignments and exams, ensuring fair evaluation and feedback for progress and performance.

Boston, MA

January 2024 – Present

### COGNIZANT TECHNOLOGY SOLUTIONS

#### Full Stack Engineer

- Enhanced Auto Insurance module on Farmers Insurance website, boosting sales and reach by 9%.
- Directed UI development for the new Auto application utilizing Angular 13 and Java Spring Boot, replacing legacy technology thereby achieving a 10% increase in user quote completion.
- Resolved render issues and minimized render time, leading to a 15% performance boost and 20% increase in website traffic.
- Revamped outdated build and deployment processes to a streamlined CICD pipeline, boosting productivity by 30%.
- Spearheaded production deployments and monitored for potential disruptions using Jenkins, CloudBees CD and Postgres.
- Conducted interviews for potential candidates, evaluating their proficiency in Java, Angular, and problem-solving skills.

Mumbai, India

November 2021 - May 2023

### TATA CONSULTANCY SERVICES

#### Software Engineer

- Redesigned ABN Amro's intranet banking applications from legacy frameworks to Spring Boot and Angular 9, enhancing user-friendliness and decreasing bankers' customer response time by 30%.
- Engineered and implemented a real-time tracker for cross-border payments within the SWIFT Global Payment Initiative, enhancing speed and clarity in payment information which boosted employee productivity and expedited payment tracking by 40%.
- Facilitated numerous meetings with stakeholders to gather application requirements and present progress updates for feedback. Collaborated with cross-functional teams to seamlessly integrate various functionalities into the application.
- Championed the DevOps overhaul by overseeing the migration of the bank's applications to Microsoft Azure Cloud, resulting in their modernization with Java Spring Boot and Microservices framework for enhanced scalability and cost-efficiency.
- Interviewed, mentored, and trained new recruits, orchestrating knowledge transfer sessions to facilitate their seamless integration.

Mumbai, India

September 2018 - October 2021

## PROJECTS

### E-kart: E commerce application | (React, Node.js, MongoDB)

E-kart a dynamic e-commerce application that enhances online shopping experiences. It allows users to effortlessly navigate through a product catalog, craft personalized wish lists, seamlessly add selections to a shopping cart, and engage with a community through reviews. The platform supports complete order management, from secure checkout to order receipt downloading and flexible order cancellation. Leveraging ReactJS for an intuitive front-end, Node.js for a robust back end, and MongoDB for a resilient NoSQL database, E-kart stands as a modern, scalable web application, optimized for performance and hosted on Netlify and Render for reliability.

September 2023 - December 2023

### Image Manipulator and Enhancer | (Java)

Developed a Java-based image editor with advanced functionalities akin to Gimp, offering users the ability to perform an array of image manipulations such as blurring, sharpening, and color correction. This intuitive application supports detailed adjustments including brightness control and isolating color components—red, green, and blue. It features an analytic tool to examine the image histogram during edits. Constructed with Java Swings and the Model-View-Controller framework, the design ensures independent component functionality without interdependency, enhancing maintainability and scalability—reflecting my commitment to software craftsmanship and best practices in development.

September 2023 - December 2023