GIBRAN MYAGERI

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EDUCATION

Northeastern University *Boston, MA*
Master of Science in Computer Science | GPA: 4.0/4.0 *September 2023 - Present*
Courses: Algorithms, Programming Designs Paradigm, Web Development, Foundations of Artificial Intelligence

SRM Institute of Science and Technology *Chennai, India*
Bachelor of Technology in Electrical and Electronics Engineering | GPA: 8.1/10 *July 2014 - May 2018*
Courses: Advanced Calculus, Discrete Mathematics, Probability and Statistics, Digital Signal Processing, Linear Integrated Circuits

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 Boston, MA
Graduate Teaching Assistant *January 2024 – Present*
• Teaching and mentoring assistant for a cohort of 370 graduate and undergraduate students for the Web Development course.
• Conducting office hours to assist students with React, Node.js and MongoDB, and grading their assignments and exams.

COGNIZANT TECHNOLOGY SOLUTIONS *Mumbai, India*
Full Stack Engineer *November 2021 - May 2023*
• Upgraded key features in Auto Insurance module of Farmers Insurance website to improve sales and reach by 9%.
• Led the UI development for the new Auto application using Angular 13 and Java Spring Boot, which replaced the old application built using legacy technology. The new user-friendly application resulted in a 10% increase in quote completion by the users.
• Solved render blockages and minimized render time, improving the performance by 15% and increasing traffic on the website.
• Overhauled the outdated build and deploy, to a streamlined CICD pipeline. Increased productivity by 30%.
• Spearheaded production deployments and monitored any potential disruptions using Jenkins, Cloudbees CD and Postgres.
• Conducted interviews for prospective candidates, testing them on their skills of Java, Angular and problem solving.

TATA CONSULTANCY SERVICES *Mumbai, India*
Software Engineer *September 2018 - October 2021*
• Redesigned the intranet banking applications for ABN Amro that used legacy frameworks and updated the apps with Spring Boot and Angular 9. Increased the user friendliness, reducing the customer response time of the bankers by 30%.
• Developed a real time tracker for cross border payments as part of the SWIFT Global Payment Initiative, to provide faster, simpler and transparent payment information. The tracker increased the employees' productivity and speed in tracking payments by 40%.
• Presided over multiple meetings with the stakeholders to discuss the requirements of the application demonstrated the progress to receive feedback. Collaborated cross functional teams to integrate the application with different functionalities.
• Built scalable and cost-effective applications by spearheading the DevOps transformation to migrate the bank's application to Microsoft Azure Cloud. Modernized the applications to Java Spring Boot and the Microservices framework.
• Interviewed, mentored and trained new recruits in the team. Conducted knowledge transfer sessions to help them adapt.

PROJECTS

E-kart: E commerce application | (React, Node.js, MongoDB) *September 2023 - December 2023*
E-kart is a full-fledged ecommerce application that allows users to browse products, manage wish lists, add items to the cart, post reviews, place orders, download order receipts, and cancel orders. The application is built with ReactJS for the front end and Node.js for the backend. The project is hosted on Netlify for the frontend and Render for the backend and uses a NoSQL MongdoDB to store all the required information for the application that needs to be persisted.

Image Manipulator and Enhancer | (Java) *September 2023 - December 2023*
Built a Java application that worked as an image editor, like Gimp. Users can load an image into the application and perform various operations on it like blur, sharpen, brighten, darken, color correction, obtaining different color components of the image. Users can also view the histogram of the image at each step, using the red, green and blue components. The application was built using Java Swings and the MVC framework. The model, view and controller were built independently, and no implementation information was leaked to the view or the controller.