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 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.

COGNIZANT TECHNOLOGY SOLUTIONS *Mumbai, India*
Full Stack Engineer *November 2021 - May 2023*
• 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• Revamped outdated build and deployment processes to a streamlined CICD pipeline, boosting productivity by 30%.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.

TATA CONSULTANCY SERVICES *Mumbai, India*
Software Engineer *September 2018 - October 2021*
• 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.

PROJECTS

E-kart: E commerce application | (React, Node.js, MongoDB) *September 2023 - December 2023*
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.

Image Manipulator and Enhancer | (Java) *September 2023 - December 2023*
Crafted a Java image editor mirroring Gimp's capabilities, I enabled a suite of edits—blur, sharpen, brighten, darken, color adjust. Users refine images down to RGB components and track changes via histogram analysis. Underpinning the project is Java Swings, ensuring a responsive UI, while the Model-View-Controller (MVC) architecture guarantees clean module separation. This strategic design choice solidifies the app's reliability and future scalability, embodying my dedication to software excellence. The project stands as a polished example of leveraging traditional programming to meet contemporary digital editing needs, emphasizing maintainability and best development practices.