GIBRAN MYAGERI

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EDUCATION

Northeastern University *Boston, MA*
Master of Science in Computer Science (Anticipated graduation: July 2025) *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 *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, HTML, CSS, Typescript, Ruby
Databases: SQL, MongoDB, Oracle SQL, SQLite, Postgres, NoSQL, Redshift
Frameworks: PyTorch, TensorFlow, Sklearn, React, Angular, Flask, Node.js, Spring Boot, Git, Agile, Docker, Jenkins, Pandas
Certifications: AWS Certified Cloud Practitioner, Microsoft Azure Fundamentals AZ-500, Supervised ML (DeepLearning.AI)

WORK EXPERIENCE

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- Revamped outdated build and deployment processes to a streamlined CICD pipeline, boosting productivity by 30%.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

AI Language Translator | (T5) *February 2024 - April 2024*
- Designed and implemented a translation application using the T5 model, from the Hugging Face library.
- Trained and optimized the T5 model with Adam optimizer on Google Colab, achieving efficient results.
- Created a React-based user interface for text and PDF translations, linking it with a Jupyter Notebook backend for seamless operation.

E-kart: E commerce application | (React, Node.js, MongoDB) *September 2023 - December 2023*
- E-kart is a dynamic online shopping application with easy navigation, wish lists, shopping carts and community reviews.
- Offers complete order management: user login with secure checkout, receipt downloads and cancellations.
- Utilizes React.js, Node.js and MongoDB for a modern, scalable and optimized web app. Hosted on Render and Netlify.
- Used React Material for responsive web design and state of the art UI elements.

Image Manipulator and Enhancer | (Java) *September 2023 - December 2023*
- Developed a Java based image editor with functionalities like blurring, sharpening, brightening, flipping and color correction.
- Supports isolation of color components (RGB) and histogram visualization for detailed image manipulation.
- Built using the Java Swings and the MVC framework, ensuring component independence, maintainability and scalability.
- Created a responsive UI for the application using Java Swings that allows users to upload images and perform operations.