WASIF HOSSAIN

SENIOR FULL STACK ENGINEER

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PROFILE SUMMARY

A highly motivated and experienced Software Engineer with 4+ years of expertise in full-stack development, machine learning, and cloud technologies. Proficient in JavaScript, Python, ReactJS, and AWS, with a strong foundation in data structures, algorithms, and scalable system design. Seeking to contribute to innovative engineering teams in a dynamic, fast-paced environment.

TECHNICAL SKILLS

Programming: Javascript, Python, Java, Node.JS, ReactJS, HTML5 & CSS3.
Cloud & DevOps: AWS, Azure, Docker, CI/CD, Mulesoft, API Design
Databases: MongoDB, SQL, PostgreSQL, MySQL
Machine Learning: TensorFlow and Pandas
Tools & Frameworks: Git, Agile (SCRUM), Visual Studio, Material UI
Knowledge: Familiarity with Algorithms, GitHub, GitLab, Data Structures, Maximo.
Certifications: AWS Certified Cloud Practitioner, Azure AZ900 Certified, IBM Agile Explorer Certified, IBM Design Thinking Practitioner.

PROJECTS

🌐 **Personal Website**
https://wasifhossainn.github.io/portfolio-website-v2/

◈ **Personal Github**
https://github.com/wasifhossainn

References available upon request

WORK EXPERIENCE

IBM, Senior Application Developer
JUL 2022 - PRESENT
- Engineered and optimized APIs to facilitate secure, high-performance data exchange across internal and external systems, reducing downtime by 20%.
- Collaborated with business analysts and stakeholders to translate complex requirements into scalable technical solutions for Transgrid and AIA projects.
- Integrated enterprise applications, legacy systems, and cloud platforms using DataWeave, Java, Mulesoft, and Microsoft Graph APIs, enhancing system cohesion and data flow.
- Reduced integration-related incidents by 30% through rigorous testing and implementation of MUnit tests.
- Enhanced system stability and maintainability by resolving 50+ critical defects and delivering clean, well-documented code.

Spiral Blue, Full Stack Engineer
NOV 2021 - JULY 2022
- Researched, designed, and implemented machine learning models for Earth observation satellites, processing datasets exceeding 100GB.
- Developed full-stack solutions with Azure, Docker, and React to integrate predictive analytics, increasing operational efficiency by 20%.
- Optimized algorithm performance to handle real-world datasets with 95% accuracy in predictions.

Buzzy Buzz, Full Stack Engineer
AUG 2020 - FEB 2021
- Developed and implemented full-stack features using Node.js, MeteorJS, React Native, and relational/non-relational databases, supporting seamless user experiences.
- Enhanced scalability for 1000+ users and reduced latency by 30% through optimization of application architecture and algorithms.
- Proactively resolved user interface and logic errors, improving overall application stability and achieving a 98% error-free release rate.

EDUCATION

Bachelor of Software Engineering (Honours) - University of Technology Sydney
UNDERGRADUATE | MAR 2018 - NOV 2021
- **Final Weighted Average Mark (WAM):** 87.90 (High Distinction Average)
- 3x Deans List 2020 & 2021
- 2x 100% in Software Engineering Studio