

ISMAEL MIAH

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CAREER SUMMARY

Software engineer with more than 4 years of experience in designing, developing, and troubleshooting scalable applications using C#, .NET, and Python. Skilled in system design, secure coding practices, and the full SDLC, with hands-on expertise in CI/CD pipelines, containerization Docker, and cloud-based deployments. Proficient in SQL, observability tools, and agile methodologies, with a proven ability to deliver stable, high-quality software in fast-paced, collaborative environments.

WORK EXPERIENCE

Software Engineer – AIT

Part-Time (Remote)

Luton, England

November 2024 – Present

- **Developed advanced coaching modules** and a refined AWS Infrastructure **cutting cloud expenses by 45%**, ensuring scalability and maintaining performance with API response time.
- **Containerized applications** with Docker and deployed on Kubernetes clusters, ensuring high availability and reliability
- **Enhanced system monitoring and alerting** with Seq and CloudWatch, improving incident response and reducing downtime
- **Optimized database queries** for high-volume production data, improving efficiency and reducing response times.

Software Engineer– HOGARTH

Full-Time

Dhaka, Bangladesh

March 2024 – August 2024

- **Engineered scalable software solutions** for a marketing tool used by clients like Dell, Colgate, Nestlé, and Ford, improving workflow efficiency by 20% and enabling seamless collaboration on marketing designs, custom forms, and HTML templates.
- **Developed and deployed innovative solutions** to address complex business challenges, resulting in a 20% increase in feature functionality and ensuring alignment with overall product goals.
- **Collaborated closely with QA teams** to ensure the delivery of high-quality, user-centric features, maintaining a 98% client satisfaction rate and consistently meeting project deadlines.
- **Mentored junior developers**, boosting team productivity by 30% through targeted training and fostering a culture of continuous improvement and knowledge sharing.

Software Engineer – AIT

Full-Time

Dhaka, Bangladesh

February 2021 – February 2024

- **Led client communication and requirements analysis** for key projects, managing project timelines, and mentoring junior developers, resulting in a 25% reduction in feature delivery time.
- **Spearheaded the deployment and integration of CI/CD pipelines**, reducing deployment times by 40% and enhancing the development process through in-depth code reviews and third-party integrations.
- **Developed and enhanced critical features** for e-commerce platforms, including payment service integration, promotions & campaign modules, AWS Lambda, SQS, SNS and S3 implementation, and catalogue/order management, contributing to a 30% increase in sales and a 40% improvement in operational efficiency.
- **Optimized and upgraded a social media platform** for a volunteer organization, improving user engagement by 25% and enhancing overall functionality and platform adoption.
- **Gained hands-on experience in enterprise-grade software development**, actively participating in the full SDLC lifecycle and working within Agile and Scrum methodologies, improving team collaboration and project execution.

TECHNICAL SKILLS

Languages: C#, Python, JavaScript, TypeScript

Technologies/Frameworks: Asp .NET, MVC, Angular, Entity Framework, Dapper, AWS, Bitbucket, Jira, Postgres, MSSQL Server, Redis, Kafka, Git, Docker, RESTful API, Nginx

Familiars: Querying & optimization, SDLC, Distributed systems, microservices, Design Patterns & SOLID principles, CI/CD, Kubernetes, Grafana, Prometheus, Unit-Testing, GitHub-Copilot, Scrum, Agile

EDUCATION

Master's degree – University of Bedfordshire

Subject: Computer Networking

Expect to complete by mid-September 2025

September 2024 – Present

Bachelor's degree – Daffodil International University

Subject: Software Engineering

CGPA: 3.82 out of 4.00

January 2017 – July 2021

CERTIFICATIONS

Foundational C# with Microsoft –FreeCodeCamp

Full Stack Asp.Net MVC Web Development – Dev Skill

2nd February 2024

September 2020 – March 2021