



# ZAHID HASSAN ANIK

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## Summary

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Backend Software Engineer with 3+ years of experience building scalable enterprise applications using .NET Core, C#, RabbitMQ, AWS, and SQL/NoSQL databases. Skilled in RESTful API development, microservices architecture, cloud deployment, and workflow automation. Experienced in ERP systems, third-party API integration, and performance optimization.

## Skills

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- JWT authentication and OAuth
- Docker and Kubernetes
- CI/CD practices
- Redis and PostgreSQL
- Swagger/OpenAPI documentation
- WebSocket communication
- Clean architecture principles
- SOLID principles
- Dependency injection techniques
- Microservices architecture
- Event-driven architecture

## Experience

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Codemen Solutions Limited | Dhaka,  
Bangladesh

**Software Engineer**  
01/2025 - Current

- Maintained and developed 15+ REST APIs for enterprise ERP applications utilized by various client teams.
- Managed deployment of production applications on AWS and Azure cloud infrastructures.
- Improved database query performance through optimization and indexing techniques.
- Partnered with frontend and DevOps teams to deliver secure, scalable backend systems.
- Integrated third-party authentication systems and cloud-based services efficiently.
- Monitored production environments and resolved server-side issues to ensure system reliability.
- Conducted code reviews and mentored junior developers on backend best practices.

Codemen Solutions Limited | Dhaka,  
Bangladesh

**Associate Software Engineer**  
12/2022 - 12/2025

- Developed backend modules and API services for enterprise web applications.
- Built and maintained database schemas, authentication workflows, and business logic.
- Collaborated with cross-functional teams to design and implement scalable system features.
- Worked in agile development environments delivering client-focused software solutions.
- Optimized application performance through debugging, refactoring, and database improvements.
- Utilized Git for version control and documented APIs and backend workflows.

Codemen Solutions Limited | Dhaka,  
Bangladesh  
**Intern Software Engineer**  
08/2022 - 12/2022

- Assisted senior developers in developing and testing backend functionalities for enterprise applications.
- Participated in debugging and resolving backend issues to improve application performance.
- Supported API integration and database management tasks under team supervision.
- Collaborated with team members using Git and agile development practices.
- Contributed to internal tools and small feature implementations during project development.

## Projects

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### ERP Management System

- Developed scalable backend APIs and workflow services using .NET Core and MySQL.
- Implemented authentication, role-based access control, and third-party API integrations.

### Workflow Automation Platform

- Integrated Elsa workflows and RabbitMQ-based asynchronous task processing.
- Designed microservice architecture for scalable backend operations.

## Education and Training

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International Islamic University Chittagong | Chittagong, Bangladesh  
**Bachelor of Science** in Computer Science and Engineering  
2023

Chittagong Port College | Chittagong, Bangladesh  
Higher Secondary Certificate (HSC)  
2017

Mirza Ahmed Ispahani High School | Chittagong, Bangladesh  
Secondary School Certificate (SSC)  
2015

## Publications

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### Cardio Vascular Disease Prediction using Machine Learning with Improved Feature Selection

**Cite:** Mohammad Ishtiaq Uddin, Abdullah Al Abrar Ismom, Zahid Hassan Anik, and Muhammed Nazmul Arefin.

"Cardio Vascular Disease Prediction using machine learning with improved feature selection." In 2022 12th International Conference on Electrical and Computer Engineering (ICECE), pp. 336-339. IEEE, 2022.

**Link:** [IEEE Xplore Publication](#)