

John Doe

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EXPERIENCE

- **Company A** Kuala Lumpur, Malaysia
Sr. Software Engineer - Full-time May 2024 - Now
Company A is a prominent USA-based financial technology company established in 2013. Access mobile banking, personal finance tools, fast cash advances, and earn cashback rewards for extra funds when needed.

I have managed the full system lifecycle from design to deployment, delivering scalable, secure, and high-performance solutions focusing on automation, efficiency, and cloud best practices. Currently, we've few services that have to use **Go (Golang)**.

- **Company B** Kuala Lumpur, Malaysia
Sr. Software Developer - Contract Jan 2023 - May 2024

Work Area:

- **Project A:** I led the design and development of client-centric APIs at Project A, ensuring top-notch code quality and seamless deployments. Utilizing technologies such as *Go (Golang), Microservice, MySQL, Redis, RabbitMQ, Docker, and JavaScript(ReactJS)*, I extended the insurance/takaful coverage to standard motor insurance. My role focused on optimizing the Personal Accident (PA) insurance plan by integrating it with cutting-edge technologies for enhanced functionality and user experience.
- **Project B:** Contributed to Project B, designing and implementing software solutions for seamless and unrestricted toll collection, improving overall highway user experience. Leveraged *Java(Spring Boot, Spring Cloud), Microservice, MySQL, Redis, Apache Kafka, Docker, and JavaScript(ReactJS)* technologies to achieve project goals effectively.
- **Project C:** At Project C, led software design and implementation initiatives to improve user experience and system efficiency for diverse industries. Expertise includes *Go (Golang), Microservice, Microsoft SQL Server, Redis, RabbitMQ, Docker, and JavaScript(ReactJS)*.

- **Company C** Dhaka, Bangladesh
Software Engineer - Full-time Feb 2021 - Dec 2022

Work Area:

- **Project D:** As a developer for Project D, specialized in crafting real-time transaction processing software for large financial institutions. Proficient in *Java(Spring Boot, Spring Cloud, Spring Batch), Microservice, Oracle, Redis, RabbitMQ, Docker, Payment Gateway, and JavaScript(ReactJS)*.
- **Project E:** As a developer for Project E, specialized in crafting real-time transaction processing software for large financial institutions. Proficient in *Java(Spring Boot, Spring Cloud, Spring Batch), Microservice, Oracle, Redis, RabbitMQ, Docker, Payment Gateway, and JavaScript(ReactJS)*.

- **Company D** Dhaka, Bangladesh
Software Engineer - Full-time June 2019 - Feb 2021

- **Project F:** As a developer of Project F, I designed and developed a system that allows the tracking of sales data, inventory levels, and generating reports. It enables users to view real-time data, track sales performance, and manage stock levels efficiently. Technologies: *Java (Spring Boot), JavaScript(React), PostgreSQL, Redis, RabbitMQ, Mockito (Unit testing), Microservice(Spring Cloud), Git, Docker, JPA-Hibernate*.

TRAINING SKILLS

- **Platform A** City, Country
Programming Instructor *March 2022 - till*
 - Conducting a live cohort-based course to teach **Java and Python Programming, Problem-solving, Database Engineering, and Web Development** to university students and industry professionals. [Course Link]
- **Platform B** City, Country
Programming Instructor *Jan 2023 - till*
 - Conducting a live cohort-based course to teach **System Design for Software Developer** and **Data Structure and Algorithm with Leetcode Exercise**

OPEN SOURCE PROJECTS

- **Automated Attendance System:** Developed an open-source application for real-time employee attendance tracking using CCTV footage. Contribution included building an optimized machine learning model for human detection and recognition. [Tooling - Machine Learning, Python, Django MVT, Monolithic Architecture]

SOFTWARE DEVELOPMENT SKILLS

- **Programming Languages:** Go (Golang), Java, JavaScript, Python
- **Frameworks and Libraries:** Concurrency (Goroutines, Channels, Select), Dependency Management (go mod), Performance Optimization (pprof), Reactive programming
- **Storage:** SQL Server, Oracle, MySQL, PostgreSQL and NoSQL (Redis, MongoDB) **Web Server:** NGINX
- **DevOps:** Docker, Kubernetes, **AWS (EC2, Lambda, S3, EBS, RDS (MySQL, PostgreSQL), DynamoDB, OpenSearch, SQS, IAM, etc)** and Jenkins
- **Tools:** Git, Message Broker(RabbitMQ, **Apache Kafka**), WebHook(Segment), Web Service API (SOAP, RESTful API, GraphQL), Dependency Management (Maven and Gradle), JIRA, Agile Methodologies
- **Software Architecture:** *Microservices Architecture*, Event-Driven Architecture

EDUCATION

- **University A** City, Country
Master of Science in Computer Science and Technology *Feb. 2025 - till*
Thesis: “A Machine Learning Based Approach for Diabetes Detection and Care in Bangladesh”, Gyancity Journal of Engineering and Technology, Vol.4, No.2, pp.21-28, July 2018 ISSN: 2456-0065 DOI: 10.21058/gjet.2018.42003. (Denmark)

ACHIEVEMENTS

- **Programming Contest Achievements:** 2017, 2015 ACM ICPC Dhaka Region (**Honorable Mention**), 2016 National Collegiate Programming Contest, Dhaka (**Honorable Mention**), 2015 Intra Programming Contest (**Secure 7th Position**), Participated in **10+ onsite** programming contest and **solved more than 1000 problems** in several online judge.
- **Hackathon Competition:** 2018 Inter University Software and Hardware Carnival (**1st Runner-up**), 2017 Inter CSE Carnival (**4th Position**)