



## Md Fahim Siam

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**Website:** <https://fahimsiam.github.io/>

### ABOUT ME

Backend software developer with hands-on experience building scalable microservices and database-backed systems. Seeking to leverage expertise in backend architecture and AI-powered applications in a challenging engineering role.

### WORK EXPERIENCE

#### **Incepta (Remote)**

**Link** <https://www.linkedin.com/company/inceptasolutions/>

##### **Software developer**

[ 01/11/2024 – Current ]

- Designed and maintained backend microservices for **DataGenie**, an intelligent **AI Agent** that understands natural-language queries, reasons through context, triggers data workflows and delivers actionable insights in seconds.
- Automated processes such as **data matching, cleanup, enrichment**, and cross-system reporting—enabling DataGenie to execute multi-step workflows.
- Integrated **Azure OpenAI, Azure SQL Database, Redis Cache**, and more, to ground the agent in enterprise data, deliver real-time responses, and scale agent performance in production.
- Collaborated with frontend teams to deliver conversational interfaces and led deployment using **Docker-based containerization**, ensuring a robust agent platform built for scalability.

#### **G.C.C. Limited (Remote)**

**Link** <https://www.linkedin.com/company/g-c-c-limited/>

##### **Junior Backend Engineer**

[ 10/08/2023 – 31/10/2024 ]

- Developed a robust backend for our internal recruiting system, streamlining the hiring process's efficiency.
- Built a flexible CMS for our company website, enabling easy content updates and management.
- Designed and implemented a **real-time chat and video calling** application using Websockets and WebRTC for integration with our upcoming projects, facilitating seamless communication and collaboration.

#### **Soft BD Limited**

**Link** <https://www.linkedin.com/company/soft-bd-ltd>

##### **Assistant Software Engineer**

[ 16/04/2022 – 30/07/2023 ]

- Involved with **database design** of projects that are designed to **handle millions of users**.
- Mentored software engineering interns on best practices, methodologies, and company processes, enabling a successful transition into company projects.

- Designed complex APIs and optimized queries, resulting in improved performance and increased user satisfaction.
- Facilitated the integration of new technologies, including **Keycloak**, **Redis**, and **RabbitMQ**, into multiple projects. improving system efficiency, scalability, and security.

## **Ultra X-BD**

Link <https://www.linkedin.com/company/ultra-x-inc/>

### **Junior Software Engineer**

[ 01/09/2021 – 15/04/2022 ]

- Improved data integrity and error handling by implementing validation with Joi in Express.js projects.

## **EDUCATION AND TRAINING**

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### **B.Sc. in Computer Science**

**Brac University** [ 09/01/2017 – 15/05/2021 ]

Country: Bangladesh | Website: <https://www.bracu.ac.bd/> | Final grade: 3.41 | Level in EQF: EQF level 6

## **SKILLS**

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### **Technical Skills**

Industry experience in nest.js / Node.js / Express.js / MongoDB / MySQL / Redis / Keycloak / Websocket / RabbitMQ

### **Communication and Interpersonal Skills**

Team Player / Collaboration / Constructive Feedback / Mentoring / Problem solver / Knowledge Sharing

## **PROJECTS**

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[ 01/05/2022 – 01/02/2023 ]

### **Futurenation**

- Backend engineer for Futurenation, a product driving youth skill development and economic growth.
- Contributed to complex database design and optimization efforts, ensuring high performance and scalability.
- Ensured data integrity and user privacy by implementing security best practices.
- Aligned technical solutions with business goals through collaboration with front-end developers, product managers, and stakeholders.

Link: <https://platform.futurenation.gov.bd/>

[ 02/02/2021 – 30/07/2023 ]

### **DLRMS**

- Contributed to the backend team for the Department of Land Records and Surveys (DLRS) project in Bangladesh, focused on digitizing and managing all land records and conducting surveys.
- Resolved bugs in the document verification system's business logic, boosting system reliability through targeted debugging.
- Ensured accurate implementation of functionalities, meeting project milestones and aligning with requirements through team collaboration.

Link: <https://dlrms-stg.land.gov.bd/>