

Fahim Ahmed

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🏠 Dhaka, Bangladesh
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PROFILE

Software Engineer with a background in Nuclear Engineering, over 2 years building full-stack products in Django, React, and Go. I work across the stack but am mostly drawn to the backend engineering- REST APIs, database design and third-party integrations. I have engineered projects with Java and cared deeply about clean architecture and design patterns. I bring shipped impact (revenue-driving integrations, major build-time optimizations) and a versatile, multi-stack toolkit to every problem I take on.

WORK EXPERIENCE

SpaceSoft Limited, Mirpur DOHS, Dhaka

Software Engineer

October 01 2025 – Present

Projects: FieldTask (Field Management)

- **Rearchitected** the app to support scheduling, stale and real-time tracking, invoicing, and job workflows.
- Integrated natively with **GoHighLevel marketplace**; engineered installation workflow and implemented two-way sync for core features (appointments, contacts, timesheet etc.), ultimately raising the **revenue by 416%**.
- **Collaborated directly with clients** to understand market demands, explain technical workflows, and prepare a roadmap to expand business goals.
- **Engaged in meeting with GoHighLevel engineering teams** to request for necessary API endpoints.

Junior Software Engineer

September 09 2024 – September 30 2025

Projects: Apploye (Time Tracking Software), Albait (Hajj Management) and FieldTask

- Optimized the FieldTask development lifecycle by migrating the legacy frontend build system from Babel to Vite, reducing production **build times by 6x** and improved **development speed by 43%**.
- Developed **Settings feature** for Apploye by providing control over both organizational and member level settings. Worked on React and Django Microservices.

Swosti Limited, Karwan Bazar, Dhaka

Software Engineer (Intern)

March 02 2024 – May 31 2024

- Developed **RESTful APIs** using Java Spring Boot, implementing robust global exception handling, transaction management, and optimized payloads for seamless frontend consumption.
- **Designed and tuned complex PostgreSQL queries** to generate high-compliance, multilingual PDF financial reports mapping directly to MRA and MFI operational metrics.

SKILL HIGHLIGHTS

Backend Engineering (Java): Java, Spring Boot, Spring Security, Hibernate, JPA

Full-Stack Experience

- **Stacks (2+ years Production):** Python (Django, Django REST Framework, Celery), Golang (GORM, Gorilla)
- **Frontend Development:** TypeScript, React.js, Next.js, JavaScript, HTML, CSS
- **Architecture & Testing:** Microservices Architecture, Unit Testing, JWT Authentication, API Integration

Data & Infrastructure

- **Databases & Caching:** PostgreSQL, Redis, MongoDB
- **Software Development Tools:** Docker, RabbitMQ, Git, GitHub Actions, Linux
- **AI & Automation:** Workflow Automation, Automated Technical Documentation

PROJECTS

OCAS-App – Alumni Association Platform ([ocas-app](#))

Tech Stack: Next JS, Supabase, TypeScript, Tailwind CSS

- Developed a secure, high-performance community portal for the Alumni Association of Sylhet Cadet College.
- Leveraged Next.js for server-side rendering (SSR) and optimized UI components, combined with Supabase for real-time database synchronization, instantaneous user authentication, and secure document storage.

auth-gateway — Local Authentication Gateway for Microservices ([auth-gateway](#))

Tech Stack: Java, Spring Boot, JWT, OAuth 2.0, PostgreSQL, REST API

- Developed a Spring Boot authentication gateway supporting JWT authentication, OAuth 2.0 provider setup and API-token based access by simple API Endpoints.
- Eases the buildup of authentication microservice for each project by a simple installation process.

EDUCATION & QUALIFICATIONS

M.Sc. in Nuclear Engineering (CGPA 3.33 out of 4.00)

July 2023 – January 2026

University of Dhaka, Dhaka

- **Graduate Thesis:** CFD Investigation of Temperature and Velocity Profiles in an AGR Reactor: Impact of Rib Geometry and Temperature Profile Optimization via Kriging Method

B.Sc. in Nuclear Engineering (CGPA 3.74 out of 4.00)

January 2018 – May 2023

University of Dhaka, Dhaka

- **Research Project:** Automated Temperature Control System of a Reactor Pressure Vessel.
- **Thesis:** Comparative analysis of fluid flow through 3D 90° angular piping bend by numerical simulation.

Higher Secondary Certificate Examination (GPA 5.00 out of 5.00)

July 2015 – May 2017

Sylhet Cadet College, Sylhet Board

ACADEMIC TRAINING

TRIGA Mark-II Research Reactor Introductory Training

August 11, 2022 – August 22, 2022

Centre for Research Reactor, Atomic Energy Research Establishment, Savar, Dhaka.

Industrial Research Training

December 12, 2021 – December 28, 2021

Health Physics & Radioactive Waste Management Unit, Atomic Energy Research Establishment, Savar, Dhaka

AWARDS & ACHIEVEMENTS

1st Place, Tech Team, AI Hackathon 2025

December 23, 2025

Spacesoft Ltd

National Science & Technology Research Fellowship

March 10, 2023

Ministry of Science & Technology, Bangladesh.

Research Stipend (Research Grant and Scholarship Program 2022)

October 27, 2022

IFIC Bank PLC, Bangladesh

General Grade Scholarship, HSC Examination

November 2017

Board of Intermediate and Secondary Education, Sylhet