

Muhammad Fahim

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Education

Khulna University – BSc in Computer Science and Engineering

Jan 2022 – Dec 2025

- CGPA: 3.66

Experience

Software Engineer (Part-Time), glaceit.ca – Vancouver, BC, Canada

Oct 2025 – Present

- Implemented third-party document parsing and importing feature from payment platforms like Square
- Collaborated with a team of experienced engineers using Nuxt.js and NestJS to resolve critical production issues, improving system stability and performance
- Contributed to integrating a third-party training management platform to enhance data flow and interoperability by designing and leveraging webhooks

Software Engineer (Contract), v2gsol.com – Johannesburg, South Africa

Apr 2024 – Aug 2024

- Contributed to building real-time data visibility and visualization using Django Channels and Google Charts, enabling Station Managers to monitor 7+ pumps simultaneously and ensure optimal operation
- Implemented an employee shift scheduling feature using Django for APIs and React for the UI, enabling effective scheduling and tracking of shifts for 50+ pump attendants via the dashboard
- Optimized database queries and introduced query caching, reducing latency by over 10 seconds

Software Engineer(Part-time), chainoptimizer.com – Dhaka, Bangladesh

Jul 2025 – Present

- Transformed figma designs into web pages and reusable react components while adhering to atomic design principals by collaborating with an experienced designer
- Developed core APIs using .NET Core incorporating insights from 25+ product feedback sessions and market research to build a user-driven platform
- Authored unit tests for backend services using xUnit, and developed integration and end-to-end tests with Cypress, ensuring thoroughly tested features and a robust, low-bug platform

Software Engineering Intern, chainoptimizer.com – Dhaka, Bangladesh

Jan 2025 – Jun 2025

- Collaborated in developing APIs and backend features, contributing to improved system functionality
- Helped with UI tasks and enhancements to improve user experience

Projects

Jiggasha

jiggasha.xyz

- Created an LLM-powered conversational app using Nextjs and React, with contextual prompt engineering suggestions to enhance user queries
- Built a context-aware suggestion system with external LLM APIs, improving prompt quality and reducing prompt engineering time by more than 50%
- Successfully raised pre-seed investment of more than tk. 64k from uihp.org to boost market growth

Competitive Programming

- **ACM ICPC Asia Dhaka Regional 2023:** 136th out of more than 225 teams
- **BUET IUPC 2023:** 41st out of more than 100 teams
- **JU NCPC 2023:** 91st out of 200 teams
- **Problems:** Solved 1000+ problems across algorithms, data structures, and math on various online judges

Skills

Frameworks: Nextjs, React, NestJS, Nuxt

Tools: Git, Docker, Ubuntu, Linux