Muhammad Fahim

muhammadfahim010@gmail.com | linkedin.com/in/adnangif | github.com/adnangif

Education

Khulna University – BSc in Computer Science and Engineering   Jan 2022 – Dec 2025
- CGPA: 3.70
- Relevant Courses: Data Structures, Algorithms, Database Systems, Software Engineering

Experience

Software Engineer, chainoptimizer.com – Dhaka   Jul 2025 – Present
- Developed core APIs and frontend UI using .NET Core and React, incorporating insights from 25+ product feedback sessions and market research to build a user-driven platform
- Deployed Docker containers and optimized Ubuntu servers by composing complex containerized services, resulting in a resilient, auto-respawning microservice-based architecture
- 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   Jan 2025 – Jun 2025
- Trained under an experienced Microsoft AI engineer, developing strong AI skills and practical expertise
- Collaborated in developing APIs and backend features, contributing to improved system functionality
- Helped with UI tasks and enhancements to improve user experience

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 (Contract), MAQ Trading   Sep 2024 – Nov 2024
- Implemented APIs and UI for interacting with a crypto wallet using Django and React, enabling users to securely view balances, send transactions, and manage assets within the platform
- Created an admin panel using Django and React to track user activity and flag unusual behavior effectively

Projects

Jiggasha   jiggasha.xyz
- Created an LLM-powered conversational app using Django 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 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: ASP.NET Core, Django, React, Next.js
Tools: Git, Docker, Ubuntu, Linux