

# Md. Faisal Porag

Senior Software Engineer | MFS | Fintech | Golang | Python, Django | Microservices | USSD | Team Lead

📍 Dhaka, Bangladesh

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I am dedicated to working in a challenging environment where I can utilize my technical expertise to develop and implement innovative strategies that drive organizational growth. My objective is to excel in a dynamic setting, significantly contributing to the company's success while actively seeking opportunities for professional advancement. I am passionate about continuous learning and skill development, and I thrive in environments that encourage creativity and collaboration. My goal is to align my professional growth with the company's vision, ensuring mutual success and sustained excellence.

## Experience

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### ● Sr. Software Engineer - TechnoNext (US Bangla Group)

May 2, 2023 – present

- I specialize in designing, developing, testing, and implementing internet-based solutions, encompassing web APIs, proprietary software applications, data security, and protection protocols, and the overall technological framework for the entire infrastructure.
- Working with Golang, Python, Django, Redis, Postgres, MongoDB, Github, GitLab, Docker, Rest API, gRPC, Rabbitmq, Kafka, and some other latest platforms. Integrate third(Vendor) party APIs. Also working with micro-services architecture.
- Design and implement a centralized authentication service with integrated menu permissions, incorporating Google 2FA and JWT token-based authentication to ensure robust security and streamlined access management.
- Implement OTP verification for customer sign-up processes and ensure the secure storage of encoded OTPs in databases to enhance overall system security and reliability.
- Ensure successful project delivery by coordinating with cross-functional teams and fostering effective collaboration among product managers, QA engineers, and designers. Spearhead the proposal and implementation of innovative solutions to elevate product functionality, continually striving for excellence.
- Develop clean, efficient, and maintainable code while driving the architectural and technical vision in collaboration with cross-functional teams.

### ● Software Engineer - **উপায়** (UCB Fintech Company Limited)

July 12, 2021 – April 30, 2023

- Specializing as a software engineer, my primary endeavor is to innovate within the realm of digital financial solutions, with a particular emphasis on the Upay app. I am committed to delivering high-performance, secure, and intuitive software, fostering collaboration across teams to drive continuous improvement and user-centric design.
- I am responsible for designing and maintaining USSD services tailored for feature phone users, collaborating closely with telecom giants like Base Migration and 121 Recharge with GP, Banglalink, Robi/Airtel. By forging strong partnerships with these industry leaders, I ensure the seamless integration and continuous improvement of our offerings.
- I am spearheading the development of an ISP Aggregator system for facilitating bill payments for Internet Service Providers (ISPs), utilizing Golang as the primary programming language. This initiative involves creating a robust platform to streamline and optimize the bill payment process for ISPs, contributing to operational efficiency and customer satisfaction within the telecommunications industry.
- Employing Golang, Python, Django, Redis, PostgreSQL, GitLab, GitHub, Docker, and other cutting-edge platforms, I specialize in integrating third-party APIs seamlessly.

## ● Software Engineer (Promoted: Asst. Manager) - Bdjobs.com Ltd

Aug 1, 2018 – July 09, 2021

- My professional proficiency extends across the entire lifecycle of internet-based solutions, covering design, development, testing, and deployment. I specialize in crafting web APIs, and proprietary software, implementing rigorous data security protocols, and architecting robust technological infrastructures to support these endeavors.
- I orchestrated the creation of a Video Resume platform, enhancing its capabilities with Video Interview and Live Interview functionalities. Employing cutting-edge technologies including WebRTC, Node.js, Express, and Socket.io, I ensured seamless integration and optimized performance for an enriched user experience.
- Engaged in the i2i project, focusing on accessibility initiatives.
- Designed and deployed software solutions for Trend Mark clients, conducting regular inspections and analysis of programs.

## ● Jr. Software Engineer - Piistech

Jan 1, 2018 – Jun 20, 2018

- Proficient in crafting clean, efficient, and maintainable code to meet project requirements.
- Continuously pursue knowledge and technologies and programming languages.
- Play an active role in enhancing software development processes and tools through ongoing contributions.

## Skills

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| • Application Design          | • Kafka, RabbitMQ                      |
| • PostgreSQL, MySQL           | • gRPC, HTTP, Websockets               |
| • Golang                      | • Time Management                      |
| • Django (Python)             | • Monolithic Architecture              |
| • SQA                         | • Micro-Service Architecture           |
| • No SQL (MongoDB, Cassandra) | • Version Control System (Git, GitLab) |
| • JavaScript, jQuery          | • Postman API Documentation            |
| • Docker                      | • USSD System Design                   |
| • Team Lead                   | • 3rd Party API Consume                |

## Education

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### ● Jahangirnagar University

2019

- Master of Science (MSc) in Computer Science & Engineering
- GPA: 3.56

### ● American International University-Bangladesh (AIUB)

2017

- Bachelor of Science (BSc) in Computer Science & Engineering(CSE)
- GPA: 3.77

## Publication

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**Title:** Intelligent Tour Planning System Using Crowd-Sourced Data

Paper Published in IJEME journal. Pub. Date: 2018-01-08 DOI: 10.5815/ijeme.2018.01.03