

Shakhawat Hossain

5+ years of experience in full stack development with a focus on backend development using Node.js, NestJS, Microservice Architecture and REST APIs. Proficient in creating scalable services, and enhancing performance for mission-critical systems. Excellent communication and collaboration skills with a passion for adapting newer technologies.

WORK EXPERIENCE

Mission

Full Stack Developer (Freelance)

Montreal, Canada (Remote)

Mar 2023 - Present

- Optimized high-traffic RESTful API, serving **1k+** clients. Implemented caching and database enhancements, reducing response time by **50%** and improving user experience.
- Implemented Jest for unit testing, boosting coverage by **90%** and slashing bug discovery time by **50%**. This ensured a reliable, stable codebase.
- Enhanced data security with OAuth and JWT. Achieved **90%** compliance, safeguarding sensitive information.
- Streamlined development with **CI/CD** using GitHub Actions and Docker, reducing deployment time by **40%** and accelerating feature delivery.

Tech Stack: NestJS, REST APIs, GCP, Python, Firebase, PostgreSQL

Kiwibot

Senior Full Stack Developer (Contract)

Medellin, Colombia (Remote)

May 2022 - Feb 2023

- Migrated a monolith delivery system into microservices, resulting in a **35%** boost in delivery completion rates and a **55%** reduction in order assignment times.
- Developed a custom ticketing system that streamlined operations, reducing managerial workload by **90%**.
- Enhanced service security by **80%** through strategic implementation of data validation, authentication, and encryption protocols.

Full Stack Developer (Contract)

Nov 2021 - Apr 2022

- Developed real-time RESTful APIs to monitor delivery progress and quickly pinpoint issues with robotic systems, ensuring efficient order fulfillment.
- Created comprehensive technical documentation and support guidelines, reducing client integration time from **15 days to 3 days**.

Tech Stack: Node.js, NestJS, Microservices, REST APIs, React, MongoDB, React, JIRA


YouMeWho

Mid Full Stack Developer (Contract)

Palo Alto, California, USA (Remote)

Aug 2021 - Nov 2021


- Introduced **20+** new features to the web platform, resulting in a **30%** drop in user complaints and a **25%** surge in overall site usage.
- Optimized database queries, improving system performance and responsiveness, resulting in more efficient operations and enhanced user satisfaction.

 Dhaka, Bangladesh

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TECHNOLOGIES

Back-End Technologies

Node.js Express.js, Koa.js, Nest.js, Ruby, Ruby On Rails, Python

Databases

MongoDB, PostgreSQL, Redis, Supabase, Firebase, Prisma

Front-End Technologies

HTML5, CSS3, JavaScript, React, Redux, React Query, TypeScript, TailwindCSS, MUI (Material-UI), Styled-component, Bootstrap

Dev Practices and Tools

Git, GitHub Actions, Agile, JIRA, Test-Driven Development (TDD), Google Cloud Platform (GCP), Jest, Mocha, Docker, Kafka, Grafana, Prometheus, Git Workflow, GitHub Workflow

EDUCATION

United International University

B.Sc Computer Science and Engineering

Bangladesh, Dhaka (2014-2018)

EU Blue Card-eligible university & degree. Top 5% of my class.

CERTIFICATES

Full Stack Developer (Contract)

Feb 2021 - May 2021

[Remote Full Stack Web Development Certificate](#)

[Express Essentials: Build Powerful Web Apps with Node.js](#)

LANGUAGES

English C1, Advanced

INTEREST

Machine Learning
DevOps
Cloud Computing
System Design & Architecture

- Developed groundbreaking browser extension enabling over **10,000** users to aggregate item information from web sources into the inventory, reducing manual work by **30%**.

Tech Stack: React, Node.js, NestJS, Microservices, REST APIs, Kafka, MongoDB, GCP, Jest, Docker, Github Actions

[Softzino](#)

Assistant Technical Project Manager

Dhaka, Bangladesh (Remote)

Jun 2021 - Aug 2021

- Oversaw **15** full-stack developers, ensuring on-time project delivery for Emudi and German Butcher using Agile methodologies, resulting in **\$60k** in company revenue.
- Directed the creation and implementation of Bidyava, an innovative educational platform that enhanced the learning outcomes of 100k students.

Tech Stack: Next.js, Redux, Node.js, Microservices, REST APIs, JIRA, Notion, Airtable

[Microverse](#)

Senior Technical Support Engineer (Contract)

San Francisco, USA (Remote)

Jul 2020 - Nov 2020

- Submitted **25+** pull requests, improving the Microverse student curriculum by adding new learning modules and fixing bugs, used by **1500+** students.
- Conducted **350+** comprehensive code reviews, helping students implement best practices.

Technical Support Engineer (Freelance)

Oct 2019 - Jun 2020

- Offered individualized technical guidance to **50+** students to help them complete the software development course.
- Conducted **600+** code reviews, emphasizing development best practices and offering optimal solutions for intricate issues.

Tech Stack: React, JavaScript, Ruby on Rails, PostgreSQL, GitHub Actions, PostgreSQL

[ITplace](#)

Full Stack Developer

Dhaka, Bangladesh

Jul 2018 - Feb 2019

- Developed a user-friendly E-commerce platform with convenient digital payment options, leading to a 30% increase in online sales and a 40% improvement in overall customer satisfaction.

Tech Stack: React, Redux, Node.js, PostgreSQL, Jest, GCP