



Mehedi Hasan Shifat

Full Stack Software Engineer

5+ years delivering **backend (Spring Boot, Node.js)**, **frontend (Next/React.js)**, **mobile (Flutter)** and **cloud/DevOps (AWS, DigitalOcean, Hostinger, Vercel)** solutions. Experienced in **microservices**, **AI integration** and leading teams to deliver **scalable, robust** solutions. Active **open-source contributor**, passionate about **system design and technical strategy**.

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WORK EXPERIENCE

Software Engineer (L3)

Dynamic Solution innovators Ltd. [🔗](#)

07/2023 - Present

Dhaka

- Led a team of 5 members to deliver a large-scale product for **US banks & credit unions**, enabling campaign management and targeted advertising (Email & SMS).
- Redesigned a message queue-based **Express.js** and **Spring Boot** service, reducing image generation time by **75%**, RAM usage by **62.5%** and CPU usage by **66.67%**, processing **1.2M** images daily on a single server.
- Engineered an **OAuth-based API Gateway (Spring Cloud Gateway, WebMvc)** supporting **100+** microservices and **10M+** requests/day, using Virtual Threads to cut resource usage and improve scalability.
- Developed and optimized an Audience Upload feature leveraging **Spring Batch** to efficiently process **1M+** audience records, improving scalability, throughput and system reliability for high-volume data workloads.
- Automated **deployment of 10+ Springboot and Node** microservices by containerizing with **Docker** and managing production releases via **GitLab CI/CD pipelines**.
- Utilized **MongoDB aggregation and projection** for data analysis, driving business insights.
- Collaborated with **US-based clients** for requirement analysis, feature enhancements and seamless product delivery.

Software Engineer (L1)

Dynamic Solution innovators Ltd. [🔗](#)

09/2021 - 06/2023

Mohakhali DOHS, Dhaka, Bangladesh

- Built scalable **RESTful CRUD APIs** with **Spring Framework, Spring Boot, Jersey** and **Express.js**.
- Write complex and highly efficient **MongoDb and PostgresSql** queries using **MongoTemplate, JPA** and **JDBC** which **reduced 30%** data fetch time for analytical data and report generation.
- **dockerized** multiple Spring Boot and Node.js applications, automated the deployment process with **CI-CD pipelines** via **Ansible & Jenkins**.
- Developed a custom **React.js editor** having **drag-and-drop** functionality leveraging **Context API, Redux**, and **TanStack Query** for seamless user experience.
- Built a **CV/resume parser** with traditional programming in **python** that can predict applicant information with **80% accuracy** for Application Tracking System.
- Integrated role based employee tracking statistical data and analytical reports (**pdf, xlsx**) generation features using **Java Itext** that **reduced workload by 20–30%** of HR & Management departments.

Software Engineer (Part-time)

Logiqbits (Startup) [🔗](#)

06/2020 - 09/2021

- Developed RESTful APIs with **Express.js** incorporating **JWT** authentication, **role-based** user management, and file uploads for a headless CMS.
- Implemented **module-based permission** system for granular access control in a SaaS article blog platform.
- Built the MyBebsha e-commerce mobile app from scratch using **Flutter**, empowering **1000+** sellers to digitize their shops.
- Managed testing and release processes on **Google Play Console**, ensuring a reliable and smooth user experience.

SKILLS & FAMILIARITY

Problem Solving

Strategic Thinking

System Design

Leadership

Java

Spring Framework

Node.js

Next.js

JavaScript

MongoDB

PostgreSQL

Docker

CI/CD pipelines

RAG

N8N

PROJECTS

DynaMate – AI-powered Internal Copilot

- Built an **AI-powered** copilot for enterprises to automate organizational tasks such as leave management, meeting scheduling, and policy queries. Implemented a scalable **multi-agent** architecture using **Python, LangChain, FastAPI, Next.js** and **LLMs (Phi-3, Phi-4)**, optimized for cost, performance and low-resource environments.

Spyre – AI-Powered Job Search and CV Enhancement Platform

- Developed an AI-powered career platform featuring CV parsing, AI-driven optimization, ATS keyword scoring, and job-role matching. Built job search, real-time **chat (Socket.io)**, and admin-user interfaces using **React.js, Next.js** and **OpenAI API**, with a **Node.js** backend, improving job seekers' success rates.

Ubuntu Launcher [🔗](#)

- Created a lightweight **Ubuntu-GNOME**-inspired **Android launcher** with customizable UI, shortcuts and app management; **open-source** with **350+ stars, 60+ forks** and **24k+ downloads**.

EDUCATION

B.Sc.(Eng.) in Software Engineering

Shahjalal University Of Science And Technology [🔗](#)

02/2018 - 02/2023

CGPA : 3.39

ACHIEVEMENTS

First Runners-Up – Internal AI Hackathon, Dynamic Solution Innovators Ltd

Developed **DynaMate** – an AI-powered internal copilot in 24h hours for organizations.

INTERESTS

Ownership

Tech Blogging

Mentoring

System Design

AI & Automation