

Junayed Hassan

Full Stack Web Developer (MERN) • 1+ Year Experience

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PROFESSIONAL SUMMARY

Full Stack Web Developer with **1+ year of production experience** building large-scale web applications at Optilius, with a strong focus on backend architecture. Skilled in designing scalable REST APIs and implementing secure authentication systems (JWT, RBAC, OTP, Social OAuth). Experienced in managing relational (PostgreSQL) and NoSQL (MongoDB) databases.

Proficient in real-time communication using Socket.io, cloud media management, and AI integration (Gemini, OpenAI). Equally comfortable working across the full stack with React.js, Next.js, Node.js, Nest.js, Express.js, TypeScript, and cPanel environments. Familiar with Dockerized deployment, Nginx, CI/CD, AWS, Kubernetes. Committed to writing clean, maintainable code and delivering optimized, production-ready applications.

TECHNICAL SKILLS

Backend	Node.js, Express.js (v4 & v5), NestJS, TypeScript, REST API Design, Socket.io, SMTP, Multer, Streamifier
Database	PostgreSQL (Raw SQL Migrations), MongoDB (Mongoose), MySQL, Prisma ORM, Firebase, Supabase, NeonDB
Frontend	React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, Bootstrap 5.3, Shadcn UI, Framer Motion, MUI, Mantine, Axios
Auth & Security	JWT, RBAC, OTP, OAuth 2.0, Passport.js (Social Auth), BetterAuth, reCAPTCHA v3, bcrypt
AI Integration	Google Gemini AI, OpenAI API
Tools	Git & GitHub, Postman, Cloudinary, Vercel, Netlify, Render, VS Code, Figma
DevOps (Basic)	Docker, Nginx, AWS, Kubernetes, CI/CD, Flutter
Languages	JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3, Dart

WORK EXPERIENCE

Junior MERN Stack Web Developer · Optilius, Mohammadpur, Dhaka

Oct 2025 – Present

- ▶ Architecting **Toolffy** — a large-scale developer community & product launch platform (similar to Product Hunt) from scratch using Node.js, Express 5, TypeScript, and PostgreSQL with raw SQL migrations structured into 20+ independent modules.
- ▶ Designed a production-grade auth system: JWT, OTP, 2FA, failed login protection, and social OAuth via Passport.js (Google, GitHub, LinkedIn, Twitter, Facebook, Apple).
- ▶ Integrated Google Gemini AI & OpenAI for smart recommendations; Redis for caching; Socket.io for real-time features; Cloudinary for media; Nodemailer for transactional emails.
- ▶ Configured Dockerized deployment with Nginx reverse proxy and CI/CD pipeline; developing a 100+ component React.js + TypeScript frontend including analytics dashboard, deals marketplace, and maker dashboard.

MERN Stack Web Developer (Intern) · Optilius, Mohammadpur, Dhaka

Apr – Sep 2025

- ▶ Built a **full-stack portfolio & CMS** platform for the company's Founder — REST APIs for blog (CRUD, SEO, Cloudinary), portfolio, timeline, and certifications using Node.js, Express.js, and MongoDB.
- ▶ Implemented auth with Clerk + JWT + RBAC; developed real-time admin notifications via Socket.io (mute/unmute sound); integrated Nodemailer and Jodit rich text editor with full SEO support.

Promoted to Junior MERN Stack Web Developer after 6 months — Oct 2025

NOTABLE PROJECTS

Toolffy — Developer Community & Product Launch Platform

Oct 2025 – Present

toolffy.com · Node.js · Express 5 · TypeScript · PostgreSQL · Socket.io · Docker · Nginx · Gemini AI · OpenAI · React.js

- ▶ Backend built from scratch: 20+ modules (products, reviews, comments, RBAC, notifications, AI, sockets, news, follow system, buildInPublic); full CI/CD with deploy.sh + ecosystem.config.js.
- ▶ Frontend: 100+ React.js + TypeScript components — analytics dashboard, deals marketplace, blog & news, maker dashboard (MYPAD). Deployed with Docker + Nginx reverse proxy.

Mahfuzur Naeem — Personal Portfolio & CMS Platform

Apr – Sep 2025

mahfuzurnaeem.com · Node.js · Express.js · MongoDB · Socket.io · Clerk · React.js 19 · Tailwind CSS v4 · Redux Toolkit

- ▶ **Full-stack CMS:** REST APIs for blog, portfolio, timeline, certifications; auth with Clerk + JWT + RBAC; real-time admin notifications with Socket.io (mute/unmute). Deployed on Vercel + Render.

Other Projects: drijsh.com · school-react-swart.vercel.app · opthealth-gilt.vercel.app · optilius-six.vercel.app · react-ecom-ashy.vercel.app · fullstack-chat-app-2-w5wk.onrender.com

EDUCATION

Diploma Web Development

Ahmed's IT Institute, Dhaka

2024

Master's in Islamic Studies

Jamia Rahmania Arabia, Dhaka

2023

CERTIFICATIONS

Diploma Web Development Certificate

Coursera

2024

Islamic Studies Certification

Jamia Rahmania Arabia, Dhaka

2023

AWARDS & ACHIEVEMENTS

Best Developer Award

Ahmed's IT Institute — Farewell Ceremony

2025

Exam Reward — Challenge

Ahmed's IT Institute

2024