MD. ZIHAD HOSSION

Location: Dhaka, Bangladesh

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PROFESSIONAL SUMMARY

Full Stack Developer with 1.5 years building production web applications in React and TypeScript, and 5 months owning the NestJS and PostgreSQL services behind them, across live products for users in Korea, Thailand, and the United States. Experience deploying and maintaining applications on Linux VPS, working with databases, APIs, and system integration. Hands-on with client requirement gathering and cross-functional collaboration across time zones.

TECHNICAL SKILLS

Languages	:	JavaScript, TypeScript, HTML, CSS
Backend & DB	:	Node.js, NestJS, TypeORM, PostgreSQL, Supabase, Redis, BullMQ, WebSocket, MongoDB
Frontend	:	React, React Router 7, Remix, Next.js, Redux Toolkit, Tailwind CSS, Radix UI, react-hook-form, Zod, Three.js, Chart.js, React Native, Expo
Tools	:	Git, Docker, Linux, VPS Deployment, Vercel, Jest, i18next, Postman, Figma, Claude Code

WORK EXPERIENCE

Potential Inc. – Product Agency *Remote – Seoul, South Korea*

Junior Full Stack Developer April 2026 – August 2026

- Owned the order, payment and refund layer for the Korean and Thai markets across two production platforms, spanning React frontends, NestJS APIs, and PostgreSQL, contributing to 48 of the two platforms' 78 backend modules.
- Eliminated a rewards double-spend by holding pending withdrawals across every balance read and making the balance adjustment atomic, on a platform where rewards are withdrawable as real currency.
- Hardened payment webhook handling on the dental prosthetics platform by moving credit deduction into the webhook and running non-database side effects only after commit, so a notification failure could no longer roll back a settled order's status.
- Wrote the agent configuration and repository knowledge bases behind the company's AI-assisted workflow on four production codebases, keeping agents accurate instead of plausibly wrong.

Junior Frontend Developer August 2025 – March 2026

- Developed responsive React features across three production codebases – a dental lab platform, a language-learning platform, and a trading marketplace – from Figma designs using TypeScript and Tailwind CSS, integrating REST APIs throughout.
- Shipped the language-learning platform's web app in Remix with i18next-based Korean/English localization, and worked through code reviews, debugging, and performance improvements with senior engineers.

Intern Frontend Developer April 2025 – July 2025

- Shipped features across three client products – a language-learning platform, a pet health scoring platform, and the company's marketing site – converting Figma designs into responsive React interfaces and wiring them to REST APIs.

PROJECTS

Picktable – D2C F&B E-commerce Platform Live Demo

Full Stack Developer

- Moved time-based work onto BullMQ queues on Redis – payment webhook processing, notification dispatch, order auto-confirmation, and point/coupon expiry – so slow or failing side jobs never blocked a request.
- Inverted a checkout that created orders before payment confirmed, eliminating orphaned orders by creating bank-transfer orders only after payment succeeds, and built asynchronous reconciliation for confirmations arriving out of band.
- Built 25+ admin dashboard screens and 25+ consumer mobile WebView screens for product, member, order, promotion, and account management, with Kakao/Apple login, Korean/English localization, and third-party logistics (3PL) order export.

Technology Stack: React, TypeScript, NestJS, PostgreSQL, TypeORM, Redis, BullMQ, Redux Toolkit, Toss Payments, PortOne

Ivorymade – Dental Prosthetics Management Platform Live Demo

Frontend Developer

- Built the frontend from scratch in React 19, TypeScript, Redux Toolkit, and Tailwind CSS, covering dental order workflows, role-based access, real-time WebSocket chat, payment interfaces, and user management.
- Replaced 38 near-identical Redux slices with a typed slice-and-thunk factory and cut the 631-line attribute service to 142 lines, removing 2,021 lines for 413 added.
- Implemented an in-browser 3D model viewer (STL/OBJ) in Three.js with QR-based mobile upload, and centralised API error handling across 27 HTTP service files, removing 530+ lines of repetitive code.

Technology Stack: React 19, TypeScript, Redux Toolkit, Tailwind CSS, Three.js, WebSocket, Stripe

EDUCATION

University of South Asia — Dhaka, Bangladesh
BSc in Computer Science and Engineering (Transferred credits from Northern University Bangladesh) — *2026 – Expected 2029*

Feni Computer Institute — Feni, Bangladesh
Diploma in Engineering, Telecommunication Technology — *2020 – 2024*