

# MD. YEASIN

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## SUMMARY

Full-Stack JavaScript Developer specializing in React.js and Node.js, with experience building ERP modules and full-stack applications featuring real-time communication, scalable backend architecture, and optimized frontend performance. Strong expertise in REST API integration, database design, performance tuning, debugging, and delivering production-ready solutions for enterprise environments. Skilled in transforming business requirements into robust, maintainable, and user-centric products.

## SKILLS

- Frontend:** React.js, JavaScript, HTML5, CSS3, Tailwind CSS, Material UI, Zustand/Redux, Component-driven Architecture, React Hooks, Axios, React Query
- Backend:** Node.js, Express.js, REST API Development, MVC Pattern, JWT Authentication, Middleware, Role-based Access Control
- Databases:** MongoDB, MySQL Server (ERP integration), Mongoose, Query Optimization
- Tools:** Git/GitHub, Redis, Docker, Firebase, Swagger, Socket.io, Jest, CI/CD, Agile/Scrum
- Other:** Real-time Communication, Stripe Integration, Logging & Error Handling, Performance Optimization, API Security

## EXPERIENCE

### Executive, Software Development

Cultivie8 Technologies Limited | Dhaka, Bangladesh

Jan 2025 – Dec 2025

- Led development of ERP modules using **React.js** on the frontend and **Node.js + Express** for backend API integrations.
- Developed Payroll, Plucking, and Employee Management modules end-to-end, ensuring smooth integration with existing systems.
- Designed efficient REST API workflows and modular backend logic, improving reporting and data-processing performance by **30%**.
- Built reusable, scalable React components following component-driven architecture and best UX practices.
- Improved backend performance through optimized MongoDB queries, API restructuring, and asynchronous operations.
- Resolved **45+ major QA and production bugs**, significantly improving system stability and user trust.
- Enhanced system speed and responsiveness, increasing user satisfaction by **40%** across multiple ERP tools.
- Implemented secure authentication mechanisms, middleware layers, and robust error-handling workflows.
- Collaborated with QA to introduce structured logging and error-tracking, reducing user-reported issues by **50%**.
- Mentored junior engineers on React, REST API design, Node.js best practices, coding standards, and architecture decisions.
- Worked closely with stakeholders to convert requirements into scalable technical solutions aligned with business goals.

### Software Engineer Intern

Cultivie8 Technologies Limited | Dhaka, Bangladesh

Sept 2024 – Dec 2024

- Developed and integrated React-based frontend components with **Node.js REST APIs** for ERP modules.
- Assisted in backend session workflows, authentication logic, and modular route handling.

- Optimized API calls, improved workflow logic, and fixed UI/UX issues to reduce QA review time.
- Supported feature development in Payroll and Employee Management systems, ensuring smooth system scalability.
- Debugged front-end and back-end issues, improving release quality and stability across modules.
- Gained hands-on experience in real-world full-stack development using React + Node.js.

## PROJECTS

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### Capstone Project:

#### Multivendor E-commerce Website [\[GitHub\]](#)

**Tech:** React.js, Node.js, Express, MongoDB, Socket.io, Stripe

- Built a full-stack e-commerce system supporting multi-vendor stores, order tracking, messaging, and admin dashboards.
- Implemented real-time communication using Socket.io, integrated secure payments with Stripe, and developed dynamic product management dashboards.
- Designed role-based authentication (Admin, Seller, Customer) and optimized product search and filtering logic.

### Projects:

#### Instagram Clone [\[GitHub\]](#) | [\[Live Demo\]](#)

**Tech:** React, Firebase, Zustand, Chakra UI, Vite

- Developed an Instagram-like platform with authentication, posting, commenting, liking, and real-time interactions.
- Integrated Google/Facebook OAuth, profile customization, notifications, and story-like features.
- Optimized rendering performance using Zustand and React best practices.

#### Travel Guide & Tourism Management System [\[GitHub\]](#)

**Tech:** Java, Firebase

- Developed a mobile application to help tourists explore destinations with integrated maps, real-time data, and reviews.
- Implemented itinerary planning, location-based suggestions, and a user-friendly UI with smooth navigation.

## EDUCATION

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### Bachelor of Science in Computer Science and Engineering

2024

Green University of Bangladesh (Narayanganj)

### Higher Secondary Certificate

2019

Kabi Nazrul Government College (Dhaka)

### Secondary School Certificate

2017

Hazi Moazzem Ali Adarsha High School (Dhaka)

## CERTIFICATIONS

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### ReactJS Specialization – Simplilearn

### Web Development Bootcamp – LEDP

### Intermediate Ethical Hacking with Linux – Green University of Bangladesh

### Python Programming – Green University Computer Club