MINARUL HOQUE

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience building production web applications with React, Next.js, Node.js, and AWS. Experienced in taking products through the full development lifecycle, from requirement analysis and planning to system design, implementation, and secure deployment, across live video streaming, restaurant SaaS, and CRM/LMS platforms. Skilled in building multi-role systems with dedicated admin, staff, and user panels and role-based access control (RBAC), with a consistent focus on performance, security, and maintainable code.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, Java, SQL
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, shadcn/ui, Bootstrap, GSAP, Figma
- **Backend:** Node.js, Express.js, REST APIs, Socket.IO / WebSockets, JWT authentication, Prisma ORM
- **Databases & Tools:** MySQL, MongoDB, Redis, Nginx, PM2, Git, Linux
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, MediaConvert, CloudFront, WAF, RDS), Docker, GitHub Actions
- **AI-Assisted Development:** LLM APIs, Claude Code, Codex, AI agents, MCP servers

PROFESSIONAL EXPERIENCE

Full Stack Developer **Vashaligram Healing (OPC) Pvt. Ltd.** *Apr 2026 – Present | Remote*

- Build and maintain full-stack web applications with React/Next.js frontends, Node.js REST APIs, and MySQL/MongoDB.
- Translate business requirements into planned features, implemented across frontend, backend, and data layers.
- Containerise applications with Docker and run CI/CD pipelines in GitHub Actions that deploy to AWS EC2 behind Nginx and PM2, while managing the AWS environment for scaling and day-to-day infrastructure operations.
- Run code reviews, testing, and debugging with cross-functional teams to keep releases stable and secure.

Frontend Developer (Part-time) **Indomitech Group** *Jan 2022 – Jun 2025 | Remote*

- Delivered 15+ responsive, cross-browser production web applications for clients in education, retail, and start-ups.
- Turned client designs into reusable UI components and REST API integrations, keeping code consistent.
- Collaborated with multidisciplinary remote teams from development through testing and handover.

PROJECTS

Shaligram Healing – Video Streaming Platform shaligramhealing.com *Sep 2024 – Dec 2024*

- Developed a paid video streaming platform that serves **10,000+ monthly active users** and generates **INR 2 lakh+ in average monthly revenue** through Razorpay payments.
- Designed an HLS streaming pipeline on AWS, using S3, Lambda, and MediaConvert to convert uploaded videos into adaptive streams delivered through CloudFront, cutting video load times by **45%**.
- Protected the platform with AWS WAF and balanced traffic across EC2 with an Elastic Load Balancer, and created an admin dashboard for content management, user-behaviour analysis, and analytics.
- **Tech:** PHP, JavaScript, MySQL, AWS (S3, Lambda, MediaConvert, CloudFront, EC2, RDS, WAF, ELB), Chart.js

Zynibill – Restaurant POS & Billing SaaS zynibill.zynitex.com *Aug 2026 – Present*

- Designed and built a multi-tenant restaurant POS and billing SaaS for Indian restaurants, connecting dine-in, takeaway, and delivery orders, the kitchen, GST billing with cash/card/UPI, and sales analytics.
- Engineered a real-time kitchen display and live table floor view with Socket.IO, plus QR table ordering for guests.
- Modelled the Prisma/MySQL schema around tenants, outlets, and role-based staff access, backed by Redis, with a super-admin portal to manage subscription plans and webhooks.
- Launched publicly with a 14-day free trial and monthly subscription plans, shipped with Docker and CI/CD.
- **Tech:** Next.js, TypeScript, Express, Socket.IO, Prisma, MySQL, Redis, Docker, CI/CD

Elytespark – Multi-Role CRM & LMS elytespark.in *Feb 2026 – Apr 2026*

- Delivered a multi-role CRM and learning management system with dedicated dashboards for admins, sales teams, employees, and learners, bringing sales and training into one platform.
- Developed lead tracking and follow-ups, plus course management, enrolment, and progress tracking.
- Implemented role-based access control, automated PDF certificates on course completion, and integrated the Google Drive API for course content.
- **Tech:** PHP, JavaScript, MySQL, REST APIs, Google Drive API, PDF generation

EDUCATION

Master of Computer Applications (MCA) | Adamas University, Barasat *2024 – 2026 | CGPA 8.18*

Major Project: Real-Time Biodegradable Waste Detection (BiFPN-Enhanced YOLO11s) GitHub | Dataset

- Designed a real-time waste detection system on YOLO11s with a BiFPN neck and Wise-IoU v3 loss, trained on a 3,000-image annotated dataset (10,175 after augmentation) that the team released publicly on Roboflow.
- Achieved **94.39% mAP@0.5** on validation and **85.46%** on the test set at **4.0 ms** per image, with a real-time webcam demo; first author of the team's research paper.
- **Tech:** Python, Ultralytics YOLO11, PyTorch, Roboflow

Minor Project: AI-Driven Career Recommendation System API | UI

- Developed an AI system that predicts the best-fit career among seven paths using an XGBoost model trained on 1,878 profiles (**73.14% accuracy**, 0.72 macro F1), with SHAP explaining each prediction.
- Added a skill-gap engine over 150+ skills that builds a personalised learning roadmap, served through FastAPI on Railway and a Tailwind CSS frontend on Vercel; developed as a team of five.
- **Tech:** Python, XGBoost, SHAP, scikit-learn, FastAPI, Tailwind CSS

Bachelor of Computer Applications (BCA) | JIS College of Engineering, Kalyani *2021 – 2024 | CGPA 8.21*

Minor & Major Project: SimpleSolveHub – Home Services Marketplace GitHub

- Developed a home-services marketplace connecting customers with local providers such as electricians, teachers, doctors, and mechanics, with service search, detail pages, and pricing.
- Delivered customer, agent, and admin panels with mobile OTP sign-up, provider listings, and free/paid user approval, backed by a 10-table MySQL database; developed as a team of two.
- **Tech:** PHP, MySQL, JavaScript, HTML5, CSS3

CERTIFICATIONS & AWARDS

- **Advanced React** – Meta, Coursera (May 2024)
- **JavaScript** – Jonas Schmedtmann, Udemy (Jan 2023)
- **JavaScript Algorithms & Data Structures** – freeCodeCamp (Apr 2022)
- **Technical Support Fundamentals** – Google, Coursera (Jun 2021)
- **1st Position, JIS Tech 2k22** – Annual Tech Fest, JIS College of Engineering