

MD MOHIUL ISLAM MIRAZ

FULL-STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full-Stack Developer with 1.5 years of hands-on experience in building scalable web applications using MERN, Django, PostgreSQL and AWS. Skilled in end-to-end software development, RESTful API design, firebase and custom authentication, integrating payment gateways and cloud services. Strong foundation in agile/scrum methodologies, project management with Jira and collaborative development environments.

TECHNICAL SKILLS

Programming Languages: Python, C++, Javascript, HTML, CSS
Backend: NodeJS, ExpressJS, Django, Django Rest Framework
Frontend: ReactJS, Bootstrap, TailwindCSS
Databases: MongoDB, PostgreSQL, MySQL, MS SQL Server
Cloud and Hosting: AWS (IAM, EC2, S3), Render, Namecheap, Vercel
Tools & CMS: VS Code, Cursor AI, Postman, WordPress
DevOps and Containerization: Docker, CI/CD, Shell Scripting
Version Control: Git, GitHub, GitLab

WORK EXPERIENCE

Backend Developer | Abadas Australia | Link | August 2025 – September 2025

- Developed and deployed a robust e-commerce platform with PostgreSQL (Neon) as the database for scalable performance.
- Implemented dynamic category management and stock handling with out-of-stock alerts to ensure accurate availability.
- Integrated PayID alongside Cards and PayPal payment methods, enabling secure multi-payment support.
- Designed guest checkout flow to improve user experience and reduce cart abandonment.
- Added admin order notifications and approval workflow, enhancing backend operational control.
- Built dynamic shipping methods, providing flexible delivery options for customers.
- Optimized product images using Cloudinary CDN integration for faster load times.
- Automated order confirmation and notification emails, maintaining 100% delivery reliability.
- Conducted backend testing, deployment, and collaborative reviews to ensure production stability.

Backend Developer | Wear Vault | Link | August 2024 – October 2024

- Developed an e-commerce platform using Django, following best practices in the software development lifecycle.
- Integrated PayPal payment gateway with secure redirection, increasing successful booking completion rate by an estimated 10%.
- Implemented custom user authentication with email verification and password reset.
- Developed responsive product listing and search with AJAX and category filters.
- Enabled order tracking and management through Django Admin and real-time updates.
- Automated order confirmation emails, ensuring 100% delivery success rate through Django email system.
- Deployed on Namecheap with MySQL integration and performed manual testing to maintain stable hosting.
- Participated in collaborative code review to maintain code quality.
- Presented backend architecture and functionality to the client team, bridging technical and business workflow.

PERSONAL PROJECTS

Swift Cart – Fashion Ecommerce Platform | Github [Client][Admin][Server] | Live | September 2025 – September 2025

- Built authentication with Firebase (email/password and Google), protected routes, and backend user upsert via JWT-secured APIs.
- Built Node/Express + MongoDB APIs (users, products, orders, payments), Cloudinary uploads, CORS/cookies, and centralized error handling.
- Designed a responsive React front-end using Context API, Styled Components/Tailwind, React Router, Axios; deployed client/server/admin on Vercel.
- Implemented checkout with Stripe Payment Gateway, address capture, and order placement flow.

- Created an Admin Dashboard (React + Chakra) with KPIs (total revenue, orders, pending/delivered), orders table, product CRUD, and admin role management (super/moderate/low).
- Implemented product catalog with filtering, quick view, and reviews.
- Added orders area for users (history and status) and admin order status management.

Stay Point - Hotel Booking Platform | Github [Server] [Client] | Live | November 2024 – December 2024

- Built user login, email-based activation, and password reset flows.
- Implemented server-side rendering for room booking system with live availability check.
- Implemented analytics dashboard for hotel revenue and performance tracking.
- Designed front-end using ReactJS and Redux with responsive design principles.
- Handled API development and integrated the backend with Axios for client-server communication.

Hemosys – Advanced Blood Donation Platform | Github | Live | May 2024 – July 2024

- Developed real-time blood search and request system with email auto-confirmation.
- Used AWS S3 Bucket for secure and efficient media storage.
- Used Postgres as the primary database for data management.
- Deployed the application on Render with logging and debugging to ensure stable hosting.

PROBLEM-SOLVING AND SOFT SKILLS

Codeforces: Solved 500+ problems using C++, reflecting a strong grasp of Data Structures and Algorithms, along with analytical and problem-solving skills.

LeetCode: Solved 100+ problems using Python, applying Object-Oriented Programming principles and clean coding practices.

Soft skills: Strong communication skills, leadership and teamwork abilities developed through collaborative projects.

EXTRACURRICULAR ACTIVITIES AND CERTIFICATIONS

Assistant Webmaster | IEEE IIUC SBC | Link | September 2025 – September 2026

Actively maintaining the official IEEE IIUC SBC website on WordPress, ensuring optimal reliability, security, and user experience, while consistently updating and publishing event announcements, articles, and media content aligned with IEEE branding standards.

Program Coordinator | IEEE CS IIUC SBC | September 2024 – September 2026

Successfully organized and managed multiple high-impact events, including Richard E. Marwin Scholarship Seminar, Graduate Studies Abroad Event, AgentX Event, and GitHub Copilot & AWS Seminar. Recognized with the Best Volunteer Award for outstanding contributions and leadership.

Front-End Development (React.js) | EDGE | Bangladesh Computer Council | Completed | Link

Successfully completed a professional training program conducted by Edge Program of Bangladesh Computer Council ICT Division, focusing on Frontend Development, enhancing technical proficiency and practical knowledge in Tailwind, Javascript and ReactJS.

Python & Django | The Complete Django Web Development | Udemy | Completed | Link

Completed a comprehensive Python-Django course on Udemy with hands-on projects and real-world applications.

EDUCATION

BSc in Computer Science and Engineering | CGPA: 3.82 | January 2023 – December 2026

International Islamic University Chittagong

LANGUAGES

English: Fluent | Bangla: Native | Hindi: Intermediate