

SHAH MEER HAIDER

Full-Stack Engineer | Automation & Bots Specialist

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PROFESSIONAL SUMMARY

Passionate and driven full-stack developer, building scalable web, mobile, and backend systems. Specialized in real-time applications, admin dashboards, Discord bots, and automation tools using modern stacks like Next.js, Node.js, SwiftUI, and MongoDB. Known for delivering high-quality solutions, with fast turnaround, and clean code.

EXPERIENCE

Freelance Full-Stack Developer

Remote / Discord | Jan 2020-Current

- Designed custom bots, dashboards, and automation tools for clients on Discord.
- Delivered full-stack solutions utilizing Node.js, Next.js, MongoDB, and Python to meet specific client needs.
- Developed a price-tracking tool using Python and Discord.py, integrated with an admin dashboard for real-time monitoring.
- Collaborated with global clients throughout requirements gathering, code delivery, and bug resolution.
- Created mods for Call of duty4.

PROJECTS

DevPilot – DevOps Dashboard (BETA)

Stack: Next.js, Express.js, PostgreSQL, Prisma, Redis, Docker, Node.js

- Built scalable backend APIs using **Express.js** and **Prisma ORM** with **PostgreSQL**.
- Integrated **OAuth** flows for repository access.
- Designed and implemented project runtime environments using **Docker**.
- Developed a dynamic dashboard with **Next.js** for managing project states (start, stop, logs).
- Utilized **Redis** for caching.
- Planned for multi-language support including **Node.js**, **Python**, **Go**, **Rust**, **Spring Boot**, and **.NET**.

Social App with WhatsApp-like Features

Stack: SwiftUI, Node.js, Express.js, MongoDB. Chat app with real-time messaging via Socket.IO.

- Developed a real-time messaging system using Socket.IO.
- Implemented features like smart posts, friend system, group chats, and communities.
- Integrated advanced tools like message scheduling and an auto-reply system for VIP collections.
- Built a sleek and responsive mobile interface using SwiftUI.

BOL Price Drop Notifier

Stack: NextJS, Discord.py, Python, MySQL

- Built a Discord bot that scrapes product prices and posts alerts via webhooks.
- Developed an admin dashboard for configuration and product management.
- Implemented proxy support to avoid rate limits and ensure reliable scraping.

Call of Duty 4 – Server Management Panel

Stack: NextJS, Node.js, Express.js, MySQL

- Created a full-featured admin dashboard to manage CoD4 multiplayer servers.
- Displayed live player stats, map rotation control, and ban management.
- Integrated a screenshot viewer and live data feed for moderators.
- Ensured secure communication between frontend and backend services.

Quiz App – Course-Based Assessment Platform

Stack: ASP.NET(Core) + EF Model + SQL Server

- Developed a role-based dashboard for teachers and students with secure authentication and course access control.
- Enabled teachers to create, edit, delete, and manage quizzes tied to their allocated courses.
- Allowed students to take quizzes based on enrollment and track individual progress over time.
- Integrated dynamic quiz rendering, automated scoring, and result tracking.

Call of Duty 4 – Discord Server Management Bot

Stack: Node.js, Python, Discord.js

- Developed a Discord bot for real-time Call of Duty 4 server management using QueryProtocol.
- Implemented features for kicking, banning, sending messages, and changing maps directly from Discord.
- Displayed live server status with auto-refresh every 3 minutes and integrated server-to-Discord communication tools.

Gameboost seller tools

Stack: Node.js, Python, HTML

- Extracted account and inventory info from game APIs.
- Generated clean and formatted JSON representations of account data.
- Rendered loadout images dynamically for use in online listings or ads.

TECHNICAL SKILLS

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|---|--|
| • Languages: Python, JavaScript, Swift, Java, C# | • Frameworks: NextJS, ReactNative, SwiftUI, ASP.NET Core |
| • Backend: Node.js, Express.js, ASP.NET Core, Python | • DevOps & Tools: Docker, PM2, Git, Linux, REST APIs, Redis, Prisma |

- **Frontend:** NextJS, React, SwiftUI, TailwindCSS
- **Databases:** MongoDB, MySQL, SQL Server, PostgreSQL
- **Soft Skills:** Fast Learner, Team Collaboration

EDUCATION

BSCS: Computer Science Barani Institute of Information Technology	2021-Present
INTER: ICS Concordia College	2019-2021