

# RAIHAN ALAM

Ghaziabad, Uttar Pradesh, India | alamraihan94@gmail.com | +91-9718743384  
linkedin.com/in/raihannalam | github.com/raihannalam | raihanalam.dev

## SUMMARY

Computer Science undergraduate with hands-on experience building and deploying backend systems using Java, Spring Boot, Spring Security, PostgreSQL, MongoDB, and Docker. Experienced in REST API development, authentication and authorization, real-time communication, payment integrations, and CI/CD automation.

## TECHNICAL SKILLS

- **Languages & Core Concepts:** Java, Object-Oriented Programming, Data Structures & Algorithms, SQL
- **Backend & Security:** Spring Boot 3, Spring Security 6, REST APIs, JWT Authentication, OAuth2, RBAC, Hibernate/JPA
- **Realtime & Databases:** WebSocket (STOMP), PostgreSQL, MongoDB, MySQL
- **Frontend:** Angular, Server-Side Rendering (SSR), Tailwind CSS
- **DevOps & Tools:** Docker, GitHub Actions, CI/CD, AWS EC2, Git, GitHub, Maven, Postman

## PROJECTS

### VERBRIX – Real-Time Healthcare Consultation Marketplace

Sept 2025 – April 2026

Java 21, Spring Boot 3, Spring Security 6, PostgreSQL, MongoDB, STOMP WebSockets, Docker, GitHub Actions, Angular  
verbrix.com | Backend Repo | Frontend Repo

- Designed and developed a production-grade backend comprising 14 service modules and 15 REST controllers using Java 21 and Spring Boot 3, with PostgreSQL as the primary transactional datastore and MongoDB for chat persistence.
- Implemented secure authentication and authorization using OTP verification, JWT access tokens, refresh token rotation, Google OAuth login, RBAC, device tracking, remote logout, and session revocation.
- Engineered real-time communication using STOMP WebSockets with persistent chat history and relationship-based access controls.
- Integrated LiveKit video infrastructure with dynamically generated session tokens and role-based consultation access.
- Developed a payment workflow using Razorpay with signature verification, idempotent order creation, webhook processing, and automated refund handling for duplicate transactions.
- Built a state-driven relationship management system governing connection requests, consultation activation, subscription access, and premium service authorization.
- Containerized backend services with Docker and automated deployment pipelines through GitHub Actions, GHCR, and Render.

### Foundational E-Commerce Backend Platform

2025

Spring Boot, Spring Security, Stripe API, PostgreSQL, Docker

Backend Repo

- Developed a modular e-commerce backend supporting product catalog management, shopping cart operations, order processing, Stripe payment integration, and JWT-based authentication.
- Designed normalized PostgreSQL schemas and implemented transactional order workflows using Spring Data JPA.
- Containerized services with Docker and validated API functionality using Postman collections.

## EXPERIENCE

### SKYREACH CREATIVES | Freelance Full Stack Developer (Project-based)

Dec 2025 – Present

skyreachcreatives.com | GitHub Repository

- Designed and delivered a 40+ page business website using Angular SSR/SSG, translating client requirements into a production-ready web experience.
- Achieved a 100/100 Lighthouse SEO score and 88/100 Performance score by implementing dynamic meta tags, canonical URLs, and JSON-LD structured data.
- Managed end-to-end deployment, domain configuration, hosting, and ongoing maintenance for a live client-facing website.
- Engaged directly with clients through in-person meetings and virtual consultations, gathering requirements, explaining service offerings, managing project follow-ups, and ensuring successful project delivery.

## EDUCATION

### Sanskar College of Engineering and Technology (AKTU)

Ghaziabad, UP

B.Tech. – Computer Science and Engineering | Aggregate: 70.45% (Up to 7th Sem)

2022 – 2026

### Ryan International School (CBSE)

Ghaziabad, UP

Senior Secondary – PCM + Computer Science

2018 – 2022

## CERTIFICATIONS

- **Udemy (2024):** Spring Security 6 with JWT – Master Security Implementation | Spring Boot Using IntelliJ IDEA
- **IIT Delhi (2024):** IoT Workshop – R&I Park