

# Zaheen Khan

✉ workwithzaheen@gmail.com

☎ 7414097995

🌐 LinkedIn

🔗 GitHub

📍 Jaipur, India

## EDUCATION

**B.Tech Electronics and Communication Engineering**, MIT World Peace University  
2020 – 2024 | CGPA - **8.94/10**

## PROFESSIONAL EXPERIENCE

**Freelance Full-Stack Developer**, US-based client  
Jul 2024 – Sep 2024 | Remote

- Designed and developed a **full-stack health platform** using **Next.js**, MongoDB, and JWT authentication, enabling users to register, log in, and interact with personalized medical content.
- Built secure, production-ready features including **user authentication**, protected comment threads with nested replies, and a responsive UI styled with CSS modules and Bootstrap.
- Delivered an end-to-end solution for a **US-based client**, integrating frontend, backend, and database layers while ensuring code quality, scalability, and maintainability.

**Backend Development Intern**, McKinley Rice [🔗](#)  
Jan 2024 – Jun 2024 | Pune, India

- Implemented chat module APIs using **NestJS** and **PrismaORM** with advanced filtering, reducing query response time by **30%** for thousands of users.
- Developed job module APIs with **Kanban board** logic using **MongoDB aggregation**, enhancing visibility for **10,000+** job applications monthly.
- Achieved **100%** automated **test coverage** through comprehensive **unit** and **integration** testing.
- Documented API architecture via **Swagger**; authored and executed **50+** test cases to validate functionality.
- Proactively optimized existing schemas and APIs, increasing system efficiency by **20%**.
- Collaborated cross-functionally with **frontend** and **QA** teams using **GitHub** Projects and **Agile** methodology.

## EXTRA-CURRICULAR ACTIVITIES

**Lead Photographer**,  
ShutterBugs - Official Media Club of MIT-WPU  
2022 – 2024

**Co-Founder - SMUN**,  
Model United Nations at Sanskar School  
2019

## PROJECTS

**Portfolio vs NIFTY**,  
JAVA, Spring Boot, Gson, React.js, Apache POI  
Feb 2025

- Developed a full-stack portfolio analysis tool using **Spring Boot** and **React.js** to compare a custom portfolio's performance against the **NIFTYBEES** ETF.
- Parsed and processed **thousands** of Excel trade records using **Apache POI** for real-time portfolio simulations and data visualization.
- Integrated **Alpha Vantage API** for stock price retrieval, optimizing requests with **OkHttpClient**, reducing API call latency by **~40%**, and ensuring accurate market data.
- Designed a scalable, backend with **RESTful APIs** and an **interactive React-based** dashboard with interactive charts and benchmarks.

**User Login Interface**,  
ExpressJs, ReactJs, MongoDB, JWT [🔗](#)  
Dec 2024

- Published reusable **NPM packages** (uli-auth-backend, uli-auth-frontend) for fast, secure user login integration in under 5 minutes.
- Developed a modular **Express.js** backend with **JWT**, **Bcrypt.js**, and OTP (Nodemailer), easily configurable for any project.
- Built a plug-and-play **React.js** login component with form validation, ready for seamless UI integration.
- Improved security and performance, reducing auth response time by **~30%** and ensuring encrypted data storage.

## SKILLS

**Languages & Frameworks:** Java, JavaScript, TypeScript, Node.js, NestJS, ReactJS, Express.js, Python, C++

**Databases:** MongoDB, PrismaORM, Mongoose, SQL, NoSQL, PostgreSQL, S3

**Tools & Practices:** Git, GitHub, REST APIs, Swagger, Docker, Agile, CI/CD, Debugging, Logging, Jira, Unit Testing, Integration Testing, Postman

**Web Technologies:** HTML, CSS, JWT, Bcrypt.js, OTP verification, API Integrations