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# Rakshit Hazrati

## Professional Summary

Well-qualified Full Stack Developer familiar with a wide range of programming utilities and languages. Knowledgeable in backend and frontend development requirements. Can handle any part of the process with ease. Proficient in understanding business processes / requirements and translating them into technical requirements. Experience in all aspects of Software Development Life Cycle in Full Stack Development like Requirements gathering, Analysis, System Design, Implementation, Testing, and Maintenance. Collaborative team player with excellent technical abilities with 4+ years of relevant experience.

## Work History

### Freelance developer

06/2023 – current

#### Multi-Vendor Food Delivery Platform

Engineered a comprehensive food delivery backend supporting multiple restaurant outlets, real-time order tracking, and cart management. Built using Node.js, TypeScript, and PostgreSQL with Prisma ORM. Integrated global and restaurant-specific promotions, and implemented robust pricing logic, authentication (JWT), and delivery ETA calculations using the Haversine formula. Deployment handled via AWS EC2, RDS, and Docker.

#### Social Connection App ("Friend Match")

Developed a unique matchmaking app that lets users introduce friends and build a social graph. Utilized MongoDB and Express, with real-time chat using Socket.IO. Integrated OTP-based signup, profile management, and chat moderation. Architected backend with scalability in mind and explored transitioning to .NET Core microservices for future-ready infrastructure.

#### AI-Powered Ayurveda Health Assistant

Created a digital diagnostic assistant for Ayurveda-based healthcare centers. Designed the backend architecture to process symptom inputs and return personalized herbal treatments. Integrated expert-authored content and knowledge graphs into a searchable structure. Explored embedding Next.js for the web frontend and ensured modular AI-to-API communication with strict data validation.

#### Loyalty App for Local Businesses

Built a mobile-first web app enabling customers to earn and redeem loyalty points across partnered local vendors. Backend developed in .NET Core, supporting QR-based scan systems, dynamic offers, and reward tracking. Created merchant and customer portals with role-based access. Designed API documentation for easy integration with POS systems.

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📍 Alwar, Rajasthan India

## Links

[Linkedin](#)

## Portfolio

[Rakshit Hazrati | Freelance Developer](#)

## Skills

- Typescript / Javascript
- C# / .NET
- Unity
- PHP
- Microservice Architecture
- AWS
- Docker and Kubernetes
- React
- GRPC
- SQL / NoSQL
- DevOps
- REST APIs
- Angular
- Linux

**LinkedIn Company Data Scraper**

Designed a powerful web scraper that collects key company details (size, industry, hiring status, etc.) from LinkedIn for B2B sales teams. Employed stealth browser automation (Puppeteer/Playwright) with IP rotation to bypass detection. Parsed and stored structured data into a MongoDB database, with RESTful endpoints to query, sort, and export datasets.

**Digital Billboard Management System**

Developed a platform to manage and schedule digital billboard content in real-time across multiple city zones. Created backend APIs to handle client content uploads, display scheduling, and resolution-specific media formatting. Integrated Google Maps API for location mapping and Firebase for push notifications. Frontend built with Next.js, offering a responsive, admin-friendly interface.

**Admin Analytics Dashboard**

Designed and deployed a visual reporting dashboard for internal analytics using Next.js and React. Pulled live metrics from transactional databases and structured the UI to mimic Power BI storytelling—tracking user activity, order success rates, and growth patterns. Used Chart.js and D3.js for visualizations; integrated role-based access and exportable insights.

**Unity AR Installation App**

Built an interactive AR application in Unity for a public art installation. Implemented custom marker-based tracking, physics-driven particle effects, and dynamic audio responses. Created a web-based backend for content updates and analytics. Managed build pipelines for Android deployment and remote content delivery using AWS S3 and CloudFront.

**Portfolio CMS for Creators**

Developed a lightweight CMS using Next.js, Firebase, and Tailwind CSS that enables artists and freelancers to manage their portfolio websites without coding. Features include dynamic page creation, drag-and-drop image uploads, custom routing, and basic SEO tools. Integrated authentication and real-time updates via Firestore.

**Eco-Tech Services - Senior Software Engineer**

12/2022 – 10/2023

- Collaborated with stakeholders to gather requirements and conducted thorough analysis to ensure the system aligned with the laboratory's specific needs and workflows.
- Led the development initiative for a comprehensive laboratory management software, designed to streamline and automate the management of incoming requests, sample tracking, and result reporting.
- Implemented robust security measures, including encryption and access controls, to safeguard sensitive data within the laboratory management system.
- Conducted meticulous code reviews to identify and address bugs and weaknesses in the client code. Implemented effective optimization techniques to enhance performance and maintain code quality standards.
- Trained and mentored junior developers and engineers, teaching skills in Web development and working to improve overall team performance.

**EdGame - Technical Lead (part Time)**

10/2022 – 04/2024

- Created a comprehensive technical architecture for the applications, ensuring a solid foundation for development and scalability.

**Education**

04/2019

**Vellore Institute of Technology**  
Vellore  
B. Tech: CSE  
GPA: 6.9

03/2015

**Happy Public School**  
Alwar  
12th  
GPA: 8.0

**Languages**

**English**



**Hindi**



**Spanish**



- Defined the architecture for unity application and integration.
- Defined parameters for API and data acquisitions, establishing guidelines for integrating external services and managing data sources.
- Designed reusable and reliable code for use within distributed cloud environments.
- Provided educational expertise and mentoring to junior team members.
- Assessed project milestones and team performance to maintain focus and productivity.

### **Adidas - Software Developer**

Gurgaon

02/2022 - 12/2022

- Developed a Hype Service for the Adidas mobile app, enhancing user engagement and excitement around exclusive product releases and events.
- Implemented an anonymization service for new users, ensuring privacy and data protection and created a pipeline to anonymize existing users' data.
- Optimized the code base of hype service, resulting in a more than 30% increase in efficiency.
- Developed a prototype for an AR-based user interface for the product page, enhancing the user experience with virtual product visualization.
- Designed and executed unit and integration test cases for the services, ensuring their functionality and reliability.

### **Holosuit Pte Ltd - Technical Lead**

Mysore, Karnataka

05/2019 - 02/2022

- Served as Lead Backend Developer and Technical Architect for company projects, implementing fully functional and scalable microservices in C#, JavaScript (Node.js), and TypeScript (Nest.js), ensuring optimal performance and seamless integration.
- Developed and delivered the back-end for the AR Application of Yuvraj Singh Cricket Academy, supporting up to 10,000 users.
- Led team of 5 developers for development and deployment of 3D online-content delivery system (HoloEducation) for courses being offered by the company.
- Created virtual education simulations in PC/AR/VR using Unity, resulting in a first-place win at the Elevate Startup Event organized by the Karnataka Government.
- Managed the deployment of services on AWS and maintained them for ongoing operation and performance.

### **Compucom Pvt Ltd - Intern**

Jaipur, Rajasthan

05/2018 - 07/2018

- Understood the process of Requirement gathering, analysis and converting it to technical documentation.
- Created a fully functional Election portal in PHP