

Utsav Nepal

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## **PROFILE SUMMARY**

Full-stack developer proficient in .NET, React, and TypeScript, with solid experience in clean architecture, CQRS, and MediatR. Successfully completed a full-stack internship focused on live location tracking and real-time notifications. Familiar with Docker and building scalable applications. Committed to creating efficient, maintainable, and user-centric solutions.

## **EXPERIENCE**

### **Kutumba | Full Stack Software Developer**

*Jun 2024 – Present*

**Tech Stack:** .NET Core(Backend), Django/Python, TypeScript, Tailwind CSS, SignalR, React, RabbitMQ, Postgres, MySql Server, JavaScript, DevOps, CI/CD.

#### **Frontend Development Intern (Jan 7 – Apr 25, 2025):**

- Contributed to frontend development using **React.js** and **Tailwind CSS**, collaborating with the team to build responsive and dynamic user interfaces integrated with a .NET backend.

#### **Full-Time Developer (Full Stack) (Apr 25, 2025 – Present):**

- Developed scalable .NET APIs and implemented real-time features like live location tracking and notifications using SignalR and RabbitMQ.
- Built patient subscription management with full frontend-backend integration.
- Supported CI/CD automation and DevOps workflows for smooth deployments.

## **TECHNICAL SKILLS**

- Backend: .NET( C#), Next.js , Django Rest Framework.
- Frontend: Typescript, Tailwind, Bootstrap, React js.
- Architectural Patterns: Generic Design Pattern, MediatR, CQRS, Repository Pattern, Clean Architecture.
- Databases: Stored Procedure, Postgres, MySQL, MongoDB.
- Development & Deployment: Jenkins, Git, Docker,.
- Soft Skills: Time Management, Team Collaboration, Communication.

## **PROJECTS**

### **1.React js :[World Book frontend](#) (social media)**

- Built a real-time chat and social feed app using Django, React, and cloud-hosted PostgreSQL.
- Implemented OTP email verification with Celery and CloudAMQP, plus Cloudinary for image uploads.
- Deployed full-stack app with Docker and Nginx on Railway for scalable, production-ready delivery.

### **2. Django Rest Framework : [DevOps](#)**

- Designed a scalable, modular backend with logging and event-driven architecture.
- Implemented multi-service Dockerization using Docker Compose for both frontend and backend.

### **3.NET LMS:Tech Stack : [LMS .Net](#)**

- Implemented CQRS, MediatR, Clean Architecture, Repository Pattern, and Stored Procedures using **T-SQL**.
- Integrated JWT Authentication with Role-Based Access Control for secure user management.
- Utilized Razor Pages for server-side dynamic UI rendering and Employed **SQL Server** for database management.

#### **4.CICD pipeline with Jenkins , Docker, Gitlab : [LMS](#)**

- Set up CI/CD automation with GitLab CI and Jenkins, using custom pipelines and deploy scripts.
- Dockerized full stack with Nginx reverse proxy, secure token auth, and clean architecture.
- Enabled zero-downtime deployment and seamless multi-service orchestration via Docker Compose.
- Jenkins file created and successfully integrated as well! [Jenkins](#)

#### **5.Next.js for demo social media: [Backend](#)**

- Implemented secure JWT-based authentication using API routes and middleware.
- Designed clean and modular backend architecture using service and utility layers.

### **EDUCATION**

**TU, Hetauda School Of Management**

+2 completed(2018-2020)

Bachelor's In Information Management (2020 – 2025)

**Hetauda**

Cumulative GPA : **3.5**

### **CERTIFICATIONS & COURSEWORK**

- Kutumba tech- Full stack course (1 year)
- Kutumba tech- intern(4 month)
- Python and IoT Program – EnCypher Technologies (2022)

### **REFERENCES**

**[Ramesh Shrestha](#)**

*Senior Software Development Engineer, Truenary Solutions*