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**](https://www.linkedin.com/posts/utsav-npl-153409289_django-react-cloudinary-activity-7341788743638421504-sL-W?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEYBfY8BCjhqU0WCHusoUM8MWdxefhHjdS4) **(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**](https://github.com/UtsavNepal/NEWLMSDEV/tree/main/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**](https://github.com/UtsavNepal/dotnetLms)

* 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**](https://www.linkedin.com/posts/utsav-npl-153409289_ciabrcd-devops-gitlab-activity-7334063974600077312-_0NA?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEYBfY8BCjhqU0WCHusoUM8MWdxefhHjdS4)

* 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](https://gitlab.com/utsavnepal021/NEWLMSDEV)

**5.Next.js for demo social media:** [**Backend**](https://github.com/UtsavNepal/NextJSbackendWorldbook)

* 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)  **Hetauda**

Bachelor’s In Information Management (2020 – 2025) 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**](https://www.linkedin.com/in/ramesh-shrestha-b7162a60/)

***Senior Software Development Engineer, Truenary Solutions***