Pradatta Aryal
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PROFILE SUMMARY

full-stack developer skilled in .NET, React, and TypeScript with a strong grasp of clean architecture, CQRS, and MediatR. Completed a full-stack internship integrating payments, video calls, and real-time notifications. Experienced with AWS, Docker, and scalable app development. Passionate about building efficient, maintainable, and user-focused applications.

EXPERIENCE

Kutumba | Full Stack Software Developer (2 Years)
Tech Stack: .NET Backend, React, TypeScript, Tailwind, Payment Integration, Jitsi Meeting API

- Fluent payment integration (**stripe, khalti, esewa**) in both frontend and backend.
- Integrated **Jitsi** for **real-time video** conferencing and virtual consultations.
- Implemented robust backend data handling and API optimization.
- Notification with **signalr** and **Rabbitmq** for robust notification service.
- Patients **subscription** to packages, handling API, integrating both frontend, backend.

TECHNICAL SKILLS

- Backend: .NET(C#), Django Rest Framework, Node.js, Express.js.
- Frontend: Typescript, React, NextJS, ChartJS, Tailwind.
- Architectural Patterns: Clean Architecture, Repository Pattern, CQRS, MediatR, Generic Design pattern.
- Databases: MySQL, MongoDB, Postgres, Stored Procedure, TSQL.
- Development & Deployment: Git, Docker AWS Ec2,linux, shell scripting.
- Soft Skills: Communication, Time Management, Team Collaboration.

PROJECTS

1.Next.js E-Commerce : Modern E-commerce
- Built a full-stack e-commerce platform with a secure authentication system.
- Integrated **AWS S3** for scalable image storage and **Stripe** for seamless payment processing.
- Implemented dynamic product management and an optimized **Next.js** front-end.

3. Django Rest Framework : Django Rest Framework
- Built a scalable backend with **logging, event-driven architecture**, and **modular design**.
- Integrated **RabbitMQ** for asynchronous messaging and microservices communication.
- Implemented **email notifications** and robust **error logging** for enhanced system reliability.
- **Dockerizes** and hosted in **Aws EC2** instance.

2..NET LMS:Tech Stack : .Net LMS
- Implemented CQRS, MediatR, Clean Architecture, Repository Pattern , Stored procedure,T Sql.
- Integrated JWT authentication and role-based access control.
- Used Razor Pages for dynamic UI and SQL for database management.

4.CICD pipeline with Jenkins , Docker , EC2 , Trivy : Project
- Integrated a complete **CI/CD** pipeline using Jenkins for automated builds and deployments.
- Implemented container image scanning with **Trivy** and code quality analysis using **SonarQube**.
- Containerized **frontend and backend** services with **Docker** and deployed seamlessly.

EDUCATION

TU, Hetauda School Of Management   **Hetauda**

Bachelor's In Information Management (05/2020 – 2025)   Cumulative GPA **: 3.6**

CERTIFICATIONS & COURSEWORK

- **AWS Nepal College Representative** – (2025/2026)
- **Python and IoT Program** – EnCypher Technologies (2022)
- **Developing Front-End Apps with React** – IBM (2023)
- **Introduction to Back-End Development** – Meta (2023)

REFERENCES

Ramesh Shrestha
Senior Software Development Engineer, Truenary Solutions

Asraf Ansari
Associate Software Engineer, Truenary Solutions