Aswin Karki
Aspiring Full-Stack Software Developer

Contact Information

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- Location: Nepal

Summary

Aspiring full-stack software developer with experience in React.js, Django, .NET, SQL, C#, and Python. Passionate about developing scalable web applications and APIs, implementing best practices in clean architecture, and working with modern frontend and backend technologies. Aiming to secure a role in top tech companies like Google, Microsoft, Facebook, and Amazon.

Technical Skills

- **Frontend:** React.js, TypeScript, Tailwind CSS, Redux, React Clean Architecture
- **Backend:** Django, Django Rest Framework, .NET Core, ASP.NET, Node.js (learning)
- **Databases:** SQL Server, PostgreSQL
- **DevOps & Deployment:** Docker (learning), Hosting & Deployment (learning)
- **API Development:** REST API, JWT Authentication, MediatR, Dapper, Repository-Service Pattern
- **Machine Learning:** Stock Market Prediction (ML Implementation with Django API)
- **Other Tools:** Git, Visual Studio, RapidMiner (Data Mining)

Projects

Library Management System (LMS)

- Developed a **Django API** using modular architecture, JWT authentication, and repository-service pattern.

- Implemented **Dapper** with stored procedures for database interactions in the ASP.NET Core backend.
- Created a **React-based frontend** for managing books, students, transactions, and authors.
- Integrated **logging** and proper service design for maintainability.

Stock Market Prediction System

- Built an ML-based stock market prediction project using **Django API** and **React Dashboard**.
- Utilized **machine learning models** for predictive analysis.

Landing Page for a Startup Company

- Designed and developed a **responsive landing page** using **React (Vite), TypeScript, and Tailwind CSS**.
- Integrated a **Django backend** with **Celery and RabbitMQ** for task management.
- Currently exploring **pricing models** for deployment.

Real-time Chatting Application *(In Progress)*

- Learning **Node.js** to implement a **real-time chat application** with proper authentication.

Work Experience

- **Freelance Web Developer** *(Ongoing)*
  - Developed various frontend and backend projects.
  - Assisted in API development and database management.

Education

- **[Your University Name Here]** – [Your Degree] (Expected Graduation: [Year])
- Studied **Economics of Information and Communication**.

Certifications & Achievements

- Successfully built multiple **full-stack projects**.
- Strong understanding of **SOLID principles** and **design patterns**.
- Working towards improving **DevOps and deployment skills**.

Interests & Hobbies

- **Forex Trading** *(Beginner, Learning Phase)*
- Keeping up with **tech trends** and **industry news**.
- Watching **movies and shows** for relaxation.

Languages

- English, Nepali, Hindi