Harin Fernando

AI/ML Engineer | Full Stack Developer

Email: harin@example.com | GitHub: github.com/harinfer | LinkedIn: linkedin.com/in/harinfer

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Professional Summary

Passionate AI/ML Engineer specializing in Deep Learning, predictive modeling, and full-stack development. Experienced in building scalable AI-driven applications using Python, TensorFlow, PyTorch, and .NET technologies.

Technical Skills

- Programming: Python, C#, JavaScript
- AI/ML: TensorFlow, PyTorch, Scikit-learn, LSTM, ARIMA
- Web Development: Next.js, React, Flask, ASP.NET
- Databases: MySQL, PostgreSQL, Redis
- Tools: Git, Docker, Vercel, Upstash

Projects & Experience

- Enrollment Trend Prediction System – Built LSTM and ARIMA models to forecast university enrollment trends.
- Fantasy Cricket AI Platform – Developed a full-stack application with chatbot assistant and real-time leaderboard.
- Human Resource Management System (HRMS) – Designed WPF-based HRMS with payroll, leave management, and authentication.

Education

BSc in Computer Science (Expected Graduation: 2026) University of Kelaniya