Rudraharan Nivaethan Resume

Personal Information

Rudraharan Nivaethan
Software Engineering Undergraduate Student
+94 707145122
nivaethanrudra6@gmail.com
Sri Lanka

Education

- **B.Comp.Hons. in Software Engineering**
  University of Sri Jayewardenepura
  2024 2028

Links

- [LinkedIn Profile](#)

- [GitHub Profile](#)

Technical Skills

- **Languages**: Python, C, C++, Java

- **Libraries & Frameworks**: NumPy, Pandas, Scikit-learn, TensorFlow, XGBoost, Matplotlib

- **Tools**: Git, GitHub, REST APIs, MySQL

Concepts & Domains

- Machine Learning, Deep Learning, AI, Data Science

- Supervised Learning, Regression Models, ANN, Tree Ensembles

- Data Structures, Algorithms, DBMS, Statistical Analysis

Soft Skills

- Problem Solving, Critical Thinking, Leadership, Teamwork

- Creativity, Time Management, Communication, Adaptability

- Self-Motivation, Quick Learner

Key Achievements

- Represented Sri Lanka Asian Youth Chess Championship 2019 (Standard, Rapid, Blitz)

- Team Captain Jaffna Hindu College Chess Team (1 year)

- Board Prize Winner National Schools' Chess Championship 2016 (Board 2)

- Multiple Certifications Machine Learning, AI, Python, Front-End Development, and Database Management from prestigious institutions (DeepLearning.AI, IBM, Meta, University of Michigan)

Featured Projects

- **Cryptocurrency Candlestick Chart**
  Developed interactive candlestick charts for Bitcoin and Ethereum price analysis.
  Tools: Python, Pandas, Matplotlib, CoinGecko API

- **Handwritten Digit Recognition**
  Built and trained neural network for MNIST digit classification.
  Tools: Python, TensorFlow, Keras

- **Housing Price Prediction**
  Developed regression models for accurate housing price prediction.
  Tools: Python, Scikit-learn, Pandas

- **Personal Portfolio Website**
  Responsive portfolio website showcasing projects and skills.
  Tools: HTML, CSS, JavaScript

Extra-Curricular Activities

- **Chess** - Strategic thinking and analytical skills development

- **Creative Writing** - Fiction reading and novel writing for creativity enhancement

- **Continuous Learning** - Online courses for technical and professional skill improvement

- **Sports** - Football and cricket for relaxation and cultural connection