

ANNA WICKRAMASINGHE

SOFTWARE ENGINEER

CONTACT

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[Portfolio](#)

[Linkedin](#)

[GitHub](#)

SKILLS

KEY SKILLS

- Web Development
- Object Oriented Programming
- Data Structures and Algorithms
- RESTful APIs
- Machine Learning
- Deep Learning
- Data Analysis and Visualization
- Data Cleaning and Preprocessing
- Statistical Analysis

LANGUAGES AND TOOLS

- PHP
- Python
- R
- Laravel
- JavaScript
- SQL
- HTML/CSS
- Flask
- Django
- Ionic/ Angular
- Bootstrap
- Tailwind
- Git
- JIRA

PACKAGES & LIBRARIES

- NumPy
- Pandas
- SciPy
- Scikit-learn
- TensorFlow
- Keras
- PyTorch
- Matplotlib
- Seaborn
- Plotly
- Beautiful Soup
- Tkinter

SOFT SKILLS

- Problem Solving
- Work under minimal supervision.
- Self Motivated & Quick Learner
- Communication

PROFILE

An enthusiastic software developer with a passion for AI, data science, and web development. Experienced in backend development using Laravel and PHP, and proficient in Python. Committed to leveraging AI and data science to create innovative solutions and enhance application functionality. Seeking a challenging position to expand my skills and contribute to cutting-edge projects.

EXPERIENCE

Associate Software Engineer

jWare Automation (PVT) Ltd.

May 2024 - Present

Designed and implemented web applications using Laravel, PHP, MySQL, HTML, CSS (Bootstrap, Tailwind), and JavaScript. Integrated key features to enhance application functionality and managed database schemas, optimizing queries for improved performance. Developed RESTful APIs to ensure seamless integration with third-party services. Refactored existing code to improve efficiency and maintainability, and conducted thorough testing and debugging to ensure the application's reliability and performance.

Intern Software Engineer

SLT Digital Lab - Research and Development Center, Colombo.

Feb 2022 - Aug 2022

Developed a web application using PHP, Ionic and MySQL to store and retrieve data of electrical and mechanical systems of the internal data center.

EDUCATION

Bachelor of Computer Science

Eastern University Sri Lanka

2018-2023

GCE Advanced Level in Physical Science Stream

Dhammissara National College

2013-2016

LANGUAGES

- English
- Sinhala

REFERENCES

Mrs. Subramaniam Kethika
Lecturer,
Department of Computer Science,
Trincomalee Campus
Eastern University, Sri Lanka.

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CERTIFICATES

Hack Like a Girl - Hackathon 2022

- Participated and selected to final 15 teams.
- (Organized by SLASSCOM in collaboration with IFC)

Certificate in Deep Learning.

- Issued by: Edxcope | Global Eye International (Pvt) Ltd.
- Date of Completion: 26/02/2022
- Relevant Skills: Deep Learning, Neural Networks

PROJECTS

Django E-Commerce Website

Website built with Django and Bootstrap. Users can Browse categorized books, save carts, track orders, and manage shipping info as a registered user. Guest checkout ensures hassle-free browsing. Advanced search helps users find books by keywords. [Watch demo](#)

Flask Blog Website

A Flask and Bootstrap-based website dedicated to my reviews of recently watched Korean Dramas. It includes user registration and login features, enabling registered users to comment on articles while logged in. Admin privileges, such as editing, deleting, and creating articles, are reserved for the user with ID 1. Users have the capability to edit or delete their own comments.

[Watch demo](#)

Stock Market Value Prediction Model

Recurrent Neural Network to predict Apple Company's stock market values based on their previous stock values last 5 years.

Heart Disease Risk Predictor

A Feed Forward Neural Network model utilizing a Flask server and HTML for the frontend to predict heart risk levels. This regression-focused neural network tackles the challenge of forecasting heart risk, showcasing the integration of machine learning and web development technologies.

Laptop Price Prediction Model

A feedforward neural network aiming to predict the price of laptops based on features such as the laptop's brand, processor speed, RAM size, storage capacity, screen size, & weight. The implemented approach involves a linear regression model.

Image Classification Model

Trained Convolutional Neural Network for classifying given set of images of cats and dogs into their corresponding category.

Fake Human Face Generator

Generative Adversarial Network for generating fake human faces from a random noise input.

Stock Market Value Prediction Model

Recurrent Neural Network to predict Apple Company's stock market values based on their previous stock values last 5 years.

[See my all projects on GitHub](#)
