Shashank Acharya

Software Engineer

WORK EXPERIENCE

Backend Developer @ NUS FASS

Feb 2022 – Apr 2022

Worked on the frontend and backend of a survey website created for a research project at the NUS Department of Psychology.

Identified multiple bottlenecks and improved the efficiency of backend server.

Created shell scripts for the automation of Docker container creation and data access

Led the creation of comprehensive user and technical documentation for future research project members.

Tech Analyst @ NUS Fintech Society

Aug 2021 – Present

Built a housing recommender platform with the Machine Learning Department.

Led the scraping of data and the creation of the dataset.

Created and trained neural networks to predict values of real estate listings in Singapore.

Created RESTful APIs using Flask, integrated with Firebase, to serve listing data.

IT Intern @ Aptiv8 IT Solutions

Oct 2020 – Jul 2021

Proposal of new layout and functionality for the company website.

Increased site traffic and search engine rankings through search engine optimisation (SEO) and search engine marketing (SEM).

Overall improvement in site performance (GTMetrix) from 51% to 86%

Freelance Web Developer

May 2018 – Present

Worked independently to design and build responsive websites to client specifications.

Managed websites for multiple clients across various industries (HR consulting, IT consulting, construction).

Increased site traffic and search engine rankings through search engine optimisation (SEO) and search engine marketing (SEM).

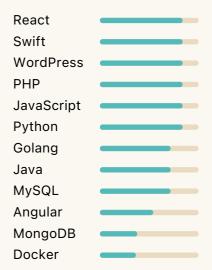Improved average website performance (GTMetrix) by up to 78%.

ABOUT

I'm a freelance web developer and software engineer, specialising in building stellar digital experiences in React, WordPress, and SwiftUI.

INFO

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github.com/sheshenk

SKILLS

React
Swift
WordPress
PHP
JavaScript
Python
Golang
Java
MySQL
Angular
MongoDB
Docker

EDUCATION

BComp. (CS)
National University of Singapore

2021 – Present

International Baccalaureate
GIIS Queenstown

2016 – 2018

PROJECTS

The Good Place
Volunteer engagement platform built with React, Firebase
2022

Homana
NFT marketplace built on Solana to deter property fraud
2022

Visit my portfolio or GitHub for more >