Thomars Thuvarangan

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Summary

Aspiring Software engineer, Tutor and Back-end developer with experience in PHP, Java, JavaScript, and MySQL. adept at working with groups to create scalable software solutions and design effective back-end systems. Strong problem-solving abilities, effective client communication, and dedication to lifelong learning are all displayed to keep ahead in the ever-changing IT industry.

Experience

Trainee Instructor (part-time)
Igniter Space (Pvt) Ltd, Colombo, Sri Lanka
Jun 2024 - Present

- **Coding Classes:** Conducted interactive coding sessions, teaching programming concepts and practical implementation to students.
- **Innovation Classes:** Facilitated innovation workshops to inspire creativity and problem-solving among participants, focusing on real-world applications of technology.

Graphics Designer
Tamil Students Committee, USJ, Nugegoda, Sri Lanka
Jan 2023 - Dec 2024

- **Creative Design:** Designed vector and raster graphics for seasonal festivals, programs, and events, ensuring professional and engaging visual appeal.
- **Leadership Role:** Served as one of the three design directors, leading the design team to create impactful visual content for committee programs and events.

ICT Tutor
Self-employed, Jaffna, Sri Lanka
Dec 2020 - Feb 2022

- **Subject Knowledge:** Provided in-depth covering of the G.C.E. ICT syllabus by conducting sessions for O/L and A/L students both at home and online using Zoom.

Skills

- **Programming:** Java, C#, Python, JavaScript, PHP, R
- **Back-End Framework:** Django, ASP.Net, .Net
- **Front-End:** HTML, CSS
- **Front-End Framework:** Bootstrap
- **DBMS:** MySQL, MongoDB
- **OS:** Windows
- **Version Control:** Git, GitHub
- **Deployment:** Azure
- **Visualization:** Power BI, RStudio
- **Design:** Adobe Photoshop, Adobe Illustrator, Adobe XD, Figma

- **Soft Skills:** Time Management, Team Collaboration, Problem Solving
- **Machine Learning:** Intermediate Knowledge

Projects

Web Application

- **Web-Based Hospital Management System (Arogya)-** developed fully functional web-based system using HTML, CSS, JS and PHP to do hospital management tasks.
- **Web-Based Library Management System (SJ Tutor)-** developed fully functional web-based system using HTML, CSS, JS and PHP to do library tasks.
- **E-Books Booking System-** developed ASP.Net web system using HTML, CSS, JS and C# of ASP.Net framework for customer and admin to purchase books and manage books order related tasks.

Desktop Application

- **Dental Management System (Family Dental Care)-** developed C# .Net system to do dental hospital-based tasks.
- **ABC Car Traders System-** developed C# .Net system to order cars for customers and manage order related tasks by admin.

ML Prediction

- **House Price Prediction-** predicted dependent house price based on dataset given.

UI/UX & Visualization

- **Portfolio Website-** developed Figma design for my portfolio website.
- **OrganicBuy Mobile Application-** developed mobile application interfaces to sell organic products for farmers with admin, driver and customer handling.
- **HR Analytics Dashboard-** developed BI dashboard with provided csv file data and DEX functions in Power BI.

Education

- **Bachelor of Arts, Information Technology (Hons) (4th year)**
  University of Sri Jayewardenepura, Colombo, Sri Lanka
  GPA: 3.01/4.00
- **Bachelor of Engineering, Software Engineering (Hons)-Top Up (2024)**
  London Metropolitan University, London, UK
  Result: 2nd Upper Class
- **HND in Software Engineering (2023)**
  Pearson (UK), Esoft Metro Campus, Sri Lanka
  Result: Distinction
- **A/L - Arts**
  J/Jaffna College, Jaffna, Sri Lanka
  Result: 2AB

Interests

- Machine Learning
- Back-End Development
- Fitness & Well-being
- Knowledge Sharing
- Singing & Keyboard Playing

Languages

- **Tamil:** Native
- **English:** Advanced
- **Sinhala:** Beginner