PRADEEP WALTER HETTIARACHCHI

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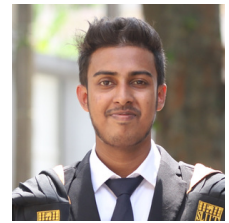
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🌐 Pradeep Walter | LinkedIn

⬤ https://github.com/pradeep23332

Portfolio-Link https://pradeep23332.github.io/pradeep_walter/

PROFILE

Motivated Web Developer with an extensive knowledge of web development, design, and coding, as well as experience in a wide range of programming languages, frameworks, and tools. Proven success in developing and deploying applications, websites, and web services. Highly organized and detail-oriented, with a knack for finding creative solutions to challenging problems.

WORK EXPERIENCE

SLT-Mobitel | Intern software Engineer - December 2022 - June 2023
I have a six-month internship experience as a Full-stack developer at SLT-Mobitel, where I actively contributed to various aspects of web application development and enhancement. During my tenure, I undertook the following tasks:

Web Application Development using React.js: I proficiently utilized React.js to develop responsive and user-friendly web applications. This involved implementing interactive user interfaces and ensuring seamless navigation through the application
.
RESTful API Development: I played a key role in developing RESTful APIs to enhance the functionality and connectivity of our web applications. This involved designing and implementing API endpoints to facilitate smooth communication between different components of the system.

UI/UX Design using Figma: I actively participated in UI/UX design discussions and contributed ideas to improve the overall user experience of our web applications. This included creating wireframes, prototypes, and mockups to visualize and iterate on design concepts.

Database Handling (MySQL): I leveraged my expertise in MySQL to handle database integration effectively. This included designing database schemas, writing optimized SQL queries, and ensuring efficient data management and retrieval within our web applications.

Throughout my internship, I gained practical experience in agile development methodologies and worked collaboratively with cross-functional teams to deliver high-quality solutions. My hands-on experience in web development, coupled with my strong problem-solving skills, allowed me to make valuable contributions to the creation and enhancement of web solutions at SLT-Mobitel.

EDUCATION

EXPECTED GRADUATION MARCH 2024

B. Sc (Hons) Information Technology Specialization in Information Technology. (Completed)
SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Completed coursework towards G.C.E Advanced Level -Arts stream 2018
S'T Annes College Kurunegala

SKILLS AND KNOWLEDGE

- Programming languages: Python, C, C++, JavaScript, Java, PHP, C#, SQL
- Web Development: HTML5 , CSS, React, MERN, Laravel , Frontend, Backend
- DBMS: MySQL, Firebase ,Mongo DB
- Version Control Systems: Git
- Server Administration: Linux / CentOS
- DevOps: Azure/ AWS

NON-TECHNICAL SKILLS

- Interpersonal Skills
- Communication Skills
- Hardworking
- Creativity
- Self Study
- Teamwork
- Time management

PROJECTS

Final Year Research Project (Courier Service Web Application)

As part of my final year research project, I contributed to the development of a Performance Tracker aimed at predicting customer churn and delivery success for a courier service. The project spanned from December 2022 to October 2023 and involved the following key responsibilities and technologies.

Key Responsibilities:

- Implemented predictive analytics using machine learning techniques in Python, leveraging libraries such as Jupyter notebook and Anaconda navigator. This included developing models for customer churn prediction and delivery success forecasting.
- Collaborated with the team to integrate the predictive models into a web application frontend using React.js, creating an intuitive and user-friendly interface for users to interact with the performance tracking system.
- Utilized MySQL for database management, ensuring efficient storage and retrieval of relevant data for analysis and prediction.
- Explored cloud computing capabilities by utilizing Amazon Web Services (AWS) for hosting and deploying the application, ensuring scalability and reliability.

Technologies Used:

- React.js: Developed the frontend interface for the performance tracker, focusing on usability and intuitive design.
- MySQL: Managed the database for storing and accessing relevant data for predictive analytics and tracking.
- Python (Machine Learning): Implemented machine learning algorithms using Jupyter notebook and Anaconda navigator for predictive analytics.
- Amazon Web Services (AWS): Leveraged cloud computing services for hosting and deploying the web application, ensuring scalability and reliability of the performance tracker.

- Online platform for Electro Grid (Java - JAX-RS(Jersey) On Tomcat MySQL
- Online Glossary shopping Mobile Application (Android studio - Java / Firebase)
- Hospital Management System (React-Js / Laravel)
- Online Pharmacy Management System (HTML / CSS / JS / PHP / MySQL)

REFERENCE

Dr . Nuwan Kodagoda - SLIIT
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I hereby declare the above information true and correct to the best of my knowledge

Pradeep Walter Hettiarachchi