

J A Deshan Dulmina

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No 5/04 Dinugardens, Bemmulla

OBJECTIVE

Focused and motivated software developer with hands-on experience in Node.js, MongoDB, JavaScript, React, PHP, and SQL. Experienced in designing and building responsive web applications, desktop applications, and managing IT systems. Skilled in database management, troubleshooting, and delivering efficient, reliable solutions. Strong problem-solving, analytical, and teamwork abilities, with knowledge of Agile methodologies and a commitment to producing high-quality software, improving user experience, and contributing effectively to dynamic development teams.

PROFESSIONAL EXPERIENCE

Webmaster and IT Support

Jan 2019 - Aug 2023

Pcbuilders.lk - Yakkala, Sri Lanka

- Web developer and database manager in pcbuilders.lk. This is an online base computer shop with ecommerce webpage.
- POS system installation and management, data backups migrations, troubleshooting network related issues, network configuring.

EDUCATION

BSc. (Hons) Computer Science

Present

University of Bedfordshire (Offered through SLIIT)

- Focused on software development, web technologies, and AI, gaining practical experience in programming, database management, and IT systems.
- Developing strong analytical and problem-solving skills through coursework and projects.

Diploma in English Language and Literature

Jan 2022- Oct 2022

Aquinas College of Higher Studies

- Developed strong English language, literature, and spoken communication skills.

G.C.E. Advanced Level

Jan 2018- Oct 2020

Bandaranayake College, Gampaha

- In Science Stream

SKILLS

- **Software Development:** Proficient in JavaScript, Node.js, and MongoDB, with experience building scalable, high-performance applications, integrating APIs, and optimizing for efficiency and user experience.
- **Web Development:** Skilled in React, Express.js, HTML, and CSS, creating responsive, dynamic web apps with AI-powered features like chatbots and real-time scheduling.
- **IT Support:** Experienced in troubleshooting, POS systems, and network management.
- **Database Management:** Expertise in MySQL and XAMPP for efficient data handling.
- **Problem-Solving:** Strong analytical, critical thinking, and adaptability skills.
- **Communication:** Fluent in English and Sinhala with excellent verbal and written skills.
- **Leadership:** Experienced in managing tasks and collaborating with teams.
- **Time Management:** Skilled in prioritizing tasks and meeting deadlines effectively.

PROJECTS

Medsphere medical management system (JavaScript | HTML/CSS | PHP)

Metro Medicare pvt – Sri Lanka | Group project completed during university studies.

Developed a web-based application for a medium-scale medical center to streamline operations and enhance management efficiency.

Roles and Responsibilities

- Designed the user interface using JavaScript, HTML/CSS and PHP.
- Developed backend functionalities for the doctor panel using PHP and SQL.
- Conducted testing for the doctor panel.

Appointment Management System with AI Powered Chatbot for PCBuilders.lk

(React | Node.js | Express.js | MongoDB)

PCBuilders.lk – Yakkala, Sri Lanka | Group project completed during university studies.

Developed a web-based appointment management system with an AI-powered chatbot for PCbuilders.lk, improving service efficiency and customer experience, following Agile development practices.

Roles and Responsibilities

- Designed and developed the frontend using React, JavaScript, HTML, and CSS for a responsive user experience.
- Integrated backend APIs and connected the frontend with server-side services.
- Implemented calendar API integration for real-time appointment scheduling.
- Tuned and optimized the AI-powered chatbot for accurate and user-friendly responses.
- Collaborated with the team via Jira, GitHub, and Google Drive for tracking, version control, and documentation.

Banana Sanke Game (JAVA| PHP | Java Swing)

Individual project | Individual project completed during university studies.

Developed a Java-based game application that combines a simple math puzzle with a classic snake game to provide an engaging and educational gaming experience.

Tasks

- Built the game interface with Java Swing following low coupling and high cohesion.
- Used MVC architecture with PHP backend and MySQL database.
- Ensured Windows compatibility and added email support via PHP Mailer.

LICENSE AND CERTIFICATIONS

- **Build Responsive Real-World Websites with HTML & CSS (Udemy)**

2023

REFERENCES

Mr. Shehan kumara

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