PRASANTH CHANDRA SEKRAN

2024

PORTFOLIO

WEB DEVELOPER
FRONT END DEVELOPER

ABOUT ME

I am Prasanth Chandra Sekran, a Web Developer with a BSc (Hons) in Computer Science, specializing in Digital Forensics from Asia Pacific University. My career is supported by robust certifications, including the Meta Front-End Developer Professional Certification, Meta Back-End Developer Professional Certification, and Mastering Laravel Framework & PHP. Additionally, I hold a Rocheston Cybersecurity Engineering Certificate (Level 1), which complements my technical skill set with essential cybersecurity knowledge.

My expertise spans a broad range of technologies and practices:

- Front-End Development: Proficient in HTML, CSS, and JavaScript, with hands-on experience in React for building user interfaces. I focus on responsive and mobile-first design, accessibility, and UI/UX principles. I use Git/GitHub for version control and Webpack for build automation.

- Back-End Development: Skilled in Python and JavaScript for server-side development, and experienced with SQL and NoSQL databases (MySQL, MongoDB). I work with RESTful APIs and GraphQL for API development and manage server setups and security practices, including authentication and encryption.

- Laravel Framework & PHP: Adept in PHP fundamentals, MVC architecture with Laravel, Eloquent ORM for database management, and Blade templating for dynamic views. I also handle middleware, authentication, RESTful APIs, and security measures like CSRF protection.

- Cybersecurity: Knowledgeable in cybersecurity basics, network security, encryption methods, threat analysis, security protocols, and ethical hacking techniques. I am also versed in incident response procedures.

With a diverse background in web development and a commitment to continuous learning, I bring a comprehensive skill set to every project. My goal is to deliver impactful, user-centric digital solutions and contribute to innovative, secure, and efficient web applications.

1. THE DENTAL ACADEMY

Website: <u>The Dental Academy</u>

Role: Web Developer

Description: The Dental Academy is an e-commerce website dedicated to providing dental education and training materials. I led the development of the site, ensuring it offered a seamless shopping experience for users. The site features a user-friendly product catalog, secure payment gateways, and an efficient course registration system, all designed to enhance customer satisfaction and conversion rates. I also incorporated SEO best practices to improve the site's visibility on search engines, ensuring it reaches a broader audience. Regular updates and maintenance were part of my responsibilities, ensuring the site remained functional and up-to-date.

Tech Stack: WordPress, PHP, MySQL, CSS, JavaScript

Impact: The Dental Academy website saw a significant increase in both traffic and sales post-launch, directly attributable to the improved user experience and enhanced site functionality. The integration of SEO strategies also contributed to a marked increase in search engine rankings, drawing in new customers.

Link : https://thedentalacademy.com.my/

2. DENTAL FORWARD

Website: <u>Dental Forward</u>

Role: Web Developer

Description: Dental Forward is a blog that features articles sourced from the Dental Forward magazine, aimed at providing valuable information and updates in the field of dentistry. My work involved redesigning the blog to make it more user-friendly and visually appealing. The redesign focused on improving the site's readability, navigation, and mobile responsiveness, ensuring that content is accessible and engaging on all devices. Additionally, I optimized the blog's performance by streamlining the code and enhancing load times, which contributed to a better user experience.

Tech Stack: HTML, CSS, JavaScript, WordPress

Impact: The redesigned blog saw a significant improvement in user engagement, with readers spending more time on the site and interacting more with the content. The enhanced design and functionality also led to positive feedback from both the client and the readers, solidifying the blog's reputation as a leading resource in the dental field.

Link : https://www.dentalforward.com.my/

3. SIA TECHNOLOGY & ENGINEERING

Website: SiaTech

Role: Full-Stack Developer

Description: SiaTech is a company profile website designed to showcase the company's services, expertise, and accomplishments. As the lead developer, I was tasked with creating a modern, professional website that effectively communicated SiaTech's brand identity and value proposition. The site includes comprehensive sections such as About Us, Services, Client Testimonials, and Case Studies, all designed for easy navigation and a polished presentation. I also implemented a responsive design to ensure consistent functionality across various devices. To support the company's marketing and business objectives, I integrated lead generation forms, a content management system for easy updates, and analytics tools to track user behavior and site performance.

Tech Stack: Wordpress, PHP, MySQL, JavaScript, CSS

Impact: The SiaTech website has significantly enhanced the company's online presence, leading to increased business inquiries and establishing a stronger industry footprint. The professional and user-centric design has helped SiaTech effectively connect with potential clients, thereby supporting its growth and expansion objectives.

Link : https://siatech.com.my/

TESTIMONIAL

Sia Technology & Engineering

"Working with Prasanth on our company profile website was a seamless and highly productive experience. Prasanth demonstrated a deep understanding of our business needs and translated them into a website that not only looks professional but also functions flawlessly across all devices. The design and development process was smooth, with Prasanth providing valuable insights and suggestions that greatly enhanced the final product. The new website has significantly boosted our online presence, leading to increased inquiries and solidifying our reputation in the industry. We couldn't be happier with the results."

Mr. Prakash Mohan,
Managing Director of Sia Technology & Engineering

CONTACT DETAILS

- Telephone: +60 10-297 3606

- Email: prasanthchandra73@gmail.com

- LinkedIn: linkedin.com/in/prasanth-c-427851aa

Feel free to contact me for any inquiries or opportunities. I look forward to connecting with you!

Thank You.