KEN MARTINEZ

Address: 280 A Purok 5, Talaibon, Ibaan, Batangas
Email: kenmartinez11514@gmail.com
Mobile: +63 910 918 2098
LinkedIn: https://www.linkedin.com/in/ken-martinez-b3115528a/
Portfolio: https://knyer.github.io/kenportfolio/

Summary

Aspiring Front-End Web Developer skilled in HTML, CSS, JavaScript, and React.js, with a passion for building dynamic and responsive user interfaces. Adept at solving complex problems and eager to apply technical skills and creativity to develop engaging web applications. Proven ability to work collaboratively in team environments and a commitment to continuous learning and development in web technologies.

Excels in managing multiple priorities and handling complex projects, with a positive attitude and willingness to learn new things. Proven teamwork and communication skills, with the ability to solve problems creatively.

Batangas State University, The National Engineering University

Bachelor of Science, Information Technology (2024)
Relevant Coursework: Web Systems and Technologies, Human-Computer Interaction, Systems Integration and Architecture, Advanced Systems Integration and Architecture, Application Development and Emerging Technologies, Integrative Programming and Technologies, Internet of Things (IoT), Capstone Projects (Focus on Web Development)
Academic Achievements: Dean's Lister (3 Semesters), AWS Academy Cloud Security Certification, Cisco Cybersecurity Essentials Certification

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Academic Awards & Certification

- Certificate of Recognition, Second Semester, AY 2020-2021 Dean's Lister (Batangas State University) GWA of 1.50
- Certificate of Recognition, First Semester, AY 2022-2023. Dean's Lister (Batangas State University) GWA of 1.57
- Certificate of Recognition, Second Semester AY 2022-2023 Dean's Lister (Batangas State University) GWA of 1.43

- Certificate of Completion for AWS Academy Graduate - AWS Academy Cloud Security Foundations Course hours completed 20 hours Issued on 12/03/2023
- Certificate of Course Completion for Cisco NetAcad-Cybersecurity Essentials issued on 05/20/2023
- CCNA: Enterprise Networking, Security, and Automation from Cisco

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Skills

- Front-End Development: HTML, CSS, JavaScript, React.js, Responsive Web Design, Bootstrap, Tailwind CSS
- Programming Languages: Python, C++, Java
- Back-End Development: PHP, MySQL

- Tools & Technologies: Git, Visual Studio Code, npm, Webpack, Figma, Adobe XD
- Cloud & Security: AWS Cloud Security, Basic DevOps

Projects

FloMo: A Community - Based Flood Monitoring System using Arduino. (Web-App), (Lead Developer)

- Led a team in developing a real-time flood monitoring system using Arduino and a web interface.
- Integrated various sensors for accurate data collection and displayed real-time data using a custom-built web dashboard.
- Technologies Used: HTML, CSS, JavaScript, PHP, MySQL, Arduino (December 2022)

Weather App (React.js)

- Developed a dynamic weather application using React.js and Node.js with API integration from OpenWeather API.
- Implemented responsive design principles for mobile compatibility and enhanced user experience by optimizing API requests, reducing load times by 30%.
- Technologies Used:React.js, Node.js, Axios, OpenWeather API, CSS Grid, Flexbox (December 2023)

SecQR: A NETWORK-BASED QR CODE SECURITY TOOL USING VISUAL WATERMARKING AND IMAGE STEGANOGRAPHY TECHNIQUES (Web-App), (Lead Developer) (Capstone Project)

- Led a team in developing a QR code security tool that utilize two security techniques for better data integrity
- Integrated Watermarking and LSBSteg Techniques to a QR code generator allowing the web interface to have an authentication feature by checking the hidden message within the QR codes binary data
- Technology Used: HTML, CSS, JavaScript, PHP, Python, MySQL (November 2023)