ERVEN IDJAD

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EDUCATION

Western Mindanao State University   **August 2020 - May 2024**
Bachelor's, Computer Science   *Zamboanga City, Ph.*
- Academic award, Best in Portfolio
- OOP, Data Structures, Algorithm, Software Engineering, Database System, Linear Algebra, Discrete Mathematics

PROFESSIONAL EXPERIENCE

SparkSoft Solution, Inc.   **Remote**
Junior Software Engineer   *Oct 2024 – Present*
- Assigned to the HRIS for Government, focusing on the admin-side where HR manages attendance, leaves, PSB, PDS, Payroll, and thousands of employee records.
- Designed and implemented admin-side features that improved attendance and biometrics management, benefiting over 10,000 plus government employees
- Enhanced AWS Amplify implementation, leading to faster and more secure API interactions.
- Spearheaded the design and development of an intuitive UI/UX for the Attendance module, ensuring an efficient and user-friendly experience.
- Integrated AI-powered GitHub Copilot, accelerating development speed by 70% and reducing code errors.

SparkSoft Solution, Inc.   **Remote**
Software Engineer Trainee   *June 2024 – Oct 2024*
- Completed an intensive self-learning phase in the first month, mastering key technologies and tools including AWS Amplify, GraphQL, S3 bucket, React.js, Vite, Ant Design, and GitHub Copilot.
- Demonstrated proficiency by developing a full-stack cat adoption application utilizing the newly acquired tech stack.
- Led the employee POV of the attendance module, delivering a responsive and user-friendly interface.
- Played a key role in migrating legacy React codebase to Next.js, improving maintainability and performance.
- Contributed to the design and implementation of user-friendly interfaces for efficient employee attendance management.

Knowles Training Institute   **Remote**
IT Intern   *March 2024 – May 2024*
- Enhanced website security, reducing breaches by monitoring and blocking suspicious IP addresses.
- Improved user experience on company websites using WordPress and Elementor.
- Streamlined troubleshooting and issue resolution processes through effective collaboration with cross-functional teams.
- Ensured high-quality deployments by conducting thorough testing and quality assurance checks before live environment releases.

TECHNICAL SKILLS

Programming Languages: JavaScript, PHP, Python, HTML/CSS, C++
Technologies/Frameworks: React.js, Next.js, REST APIs, Git, Bootstrap, Tailwindcss, AWS Amplify, S3, Shadcn
Developer Tools: Visual Studio Code, Intellij, MySQL,GraphQL, GitHub, Copilot, Cursor

PROJECTS

Smart Entry Gate Security System - Thesis | *Python, ttkbootstrap, OpenCV, YOLOv8, Tesseract_OCR, Sqlite3*
Full Stack Developer
- Led a team and developed an automated security system with 95% accuracy in facial and license plate recognition using OpenCV, YOLOv8, and Tesseract_OCR.
- Implemented advanced computer vision techniques to enhance real-time detection and recognition capabilities.
- Designed an intuitive GUI with ttkbootstrap, resulting in a 30% increase in user satisfaction among security personnel.
- Streamlined security audits by storing visitor logs in SQLite and generating customized reports.

Full Stack Cat Adoption System | *AWS Amplify, React, Vite, GraphQL, S3 Bucket, Ant Design, GitHub Copilot*
Full Stack Developer
- Developed a full-stack cat adoption app with React and AWS Amplify, highlighting cloud expertise.
- Integrated GraphQL API for efficient data handling of cat's data and adoption request, boosting app performance.
- Used AWS S3 for scalable and secure image storage.
- Designed a user-friendly interface with Ant Design, and custom css, enhancing aesthetics and usability.

Full Stack Installation and Repair Management System | *PHP, Javascript, JQuery, HTML/CSS, Bootstrap*
Full Stack Developer
- Created a robust PHP backend for managing client bookings, integrated with MySQL database.
- Implemented a secure authentication system, resulting in a 50% reduction in unauthorized access.
- Enhanced frontend UI with dynamic booking forms using JavaScript, improving client interaction by 40%.
- Integrated backend with frontend, ensuring seamless data flow and functionality.