MARK WILLIAM B. ALUA

Full-Stack Developer | Laravel | PHP | React.js | Next.js
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Portfolio: aluamark.vercel.app | GitHub: github.com/aluamark | LinkedIn: linkedin.com/in/aluamark

PROFESSIONAL SUMMARY

Full-Stack Developer with professional experience developing, modernizing, securing, and maintaining business web applications using Laravel, PHP, JavaScript, and MySQL. Recreated a legacy Progress OpenEdge application as a Laravel/MySQL system based on a provided Software Architecture Document (SAD). Experienced in application security remediation, production troubleshooting, and database-driven development. Also skilled in React, Next.js, Node.js, Express.js, RESTful APIs, and MongoDB.

TECHNICAL SKILLS

- **Languages:** PHP, JavaScript (ES6+), SQL, Visual Basic .NET
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design
- **Backend:** Laravel, Node.js, Express.js, RESTful APIs
- **Databases:** MySQL, MongoDB, Supabase
- **State Management and Authentication:** Redux Toolkit, React Query, NextAuth.js
- **Tools:** Git, GitHub, Postman, Figma

PROFESSIONAL EXPERIENCE

Programmer I November 2024 – Present
EEI Corporation

- Developed a Laravel and MySQL application based on a provided Software Architecture Document (SAD), recreating a legacy Progress OpenEdge system for employee overtime filing, TSOB transactions, and timesheet acknowledgement.
- Built and enhanced internal business applications using Laravel, PHP, JavaScript, and MySQL, translating documented requirements into functional backend logic and user-facing workflows.
- Strengthened existing PHP applications by improving input validation and file-upload handling, upgrading PHP and Laravel versions, updating vulnerable dependencies, and replacing deprecated or vulnerable functions.
- Diagnosed and resolved application defects and production issues through debugging, code analysis, and implementation of fixes.
- Collaborated with internal stakeholders to clarify requirements, investigate user-reported issues, and deliver application improvements.

Junior Computer Technician January 2024 – September 2024
EEI Corporation

- Provided hardware, software, operating system, and peripheral support to resolve technical issues and minimize employee downtime.
- Diagnosed hardware and software problems, installed and reformatted operating systems, and configured applications on desktops and laptops.
- Prepared and configured computer units for deployment, supporting employee onboarding and daily IT operations.

PROJECTS

EmployX – Job Portal Next.js, Tailwind CSS, MongoDB
employx.vercel.app

- Developed a job portal with job posting, user authentication, and profile management features.
- Built user-facing interfaces for job-related workflows and profile interactions.
- Integrated MongoDB for application data storage and management.

Sociable – Social Networking Application React.js, Node.js, MongoDB
sociable-phi.vercel.app

- Developed a social networking application featuring news feeds, posts, comments, likes, and friend management.
- Implemented friend request functionality, including sending and accepting requests.
- Developed frontend components and backend functionality using React.js, Node.js, and MongoDB.

RFID-Based Attendance Monitoring System VB.NET, MySQL

Capstone Project

- Developed an RFID-based attendance monitoring application to record and manage employee attendance.
- Integrated MySQL for attendance data storage and management.

EDUCATION

MERN Stack Main Course Package September 2024 – November 2024

Zuitt Coding Bootcamp

- Completed training in MongoDB, Express.js, React.js, and Node.js.

Bachelor of Science in Information Technology September 2015 – December 2020

College of San Benildo-Rizal

CERTIFICATIONS & TECHNICAL ASSESSMENTS

- HackerRank Certifications: React (Basic), JavaScript (Basic), SQL (Basic), Python (Basic), Problem Solving (Basic).