Vignesh J

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○ https://github.com/vignesh-jothi 📍 Chennai, Tamilnadu.

As a backend developer with over 10+ months of experience, I specialize in PHP, CodeIgniter, and Laravel for database management, API development, and security implementation. I have a proven track record of optimizing system performance and scalability, thriving in collaborative environments with a focus on code maintenance and cloud infrastructure management. Leveraging modern technologies, I create scalable, high-performance systems meeting client expectations. With a keen eye for detail and a commitment to best practices, I am dedicated to advancing backend architecture and enhancing user experience.

PROFESSIONAL EXPERIENCE

Associate Developer, True Tracking ⧉   2023 Oct – present
                                                                  Chennai, India

I improved database performance and optimized API endpoints by implementing performance enhancements, resulting in a 30% efficiency boost. By deploying advanced security protocols, I cut vulnerabilities by 40%. Collaborating with teams, I integrated cloud solutions, increasing system capacity by 50%. Additionally, I enhanced system scalability and reliability by implementing scalable architecture.

TECHNICAL SKILLS

HTML, **CSS**, **JavaScript**, **PHP**, **MVC**, **PHP Frameworks** (*CodeIgniter,Laravel*), **Linux** (Ubuntu), **Git**, **LAMP Stack**, **API Development** (REST), **Database Management** (SQL,MySQL), **Shell Scripting** (Bash), **AI Tools**, **Security Implementation** (Data encryption, authentication, authorization), **Figma** (*Design Tool*)

PROJECTS

Candidate Tracking System, Web Application   2024

CodeIgniter, REST, MySQL, Git ,Security Implementations

- Implemented secure storage for sensitive candidate data, including photos, ensuring both accessibility and strong security measures.
- Developed resume tracking functionality to analyze candidate value.
- Upgraded cloud infrastructure for scalability and maintained a cloud control panel for hosting, management, and monitoring

Inventory Management System, Web Application   2024

CodeIgniter, LAMP, REST, Git, MySQL, Security Implementations

- Maintained an accurate and efficient inventory tracking system, reducing errors and enhancing performance.
- Introduced new modules to improve functionality and streamlined team collaboration.
- Upgraded user interface elements and backend operations of legacy pages, resulting in better performance and user experience.

Goods Received Note, Web Application   2023

Core PHP, MySQL, REST, JavaScript, Git

- Automated goods received tracking to improve inventory management efficiency.
- Optimized and cleaned the codebase for enhanced performance.
- Implemented Git for efficient code maintenance and better collaboration.

ResourceHub, Comprehensive Web Platform   2023

Laravel , MySQL, Git.

- Implemented RESTful APIs and Eloquent ORM for efficient database interactions.
- Ensured secure authentication and authorization.
- Automated testing and deployment with CI/CD pipelines.

EDUCATION

B.Sc. Computer Science, Dr. Ambedkar Government Arts College.   2020 – 2023
                                                                             Chennai, India