WESLEY HINKLE

Oakland, CA | +1.510.384.8010 | wesley@evokateur.net | linkedin.com/in/wesley-c-hinkle/

SOFTWARE ENGINEER

BACK-END DEVELOPMENT | API DESIGN & IMPLEMENTATION | DATA MODELING

Summary of Qualifications

- **Lead Software Developer** with over 20 years of experience, specializing in the development of web and mobile applications for workers' unions, delivering solutions that handle complex operations such as dues collection, employer fringes and reciprocity, benefits tracking, and pension estimations, impacting thousands of union employees across the U.S.

- **Backend Developer** with extensive experience in data integration and transformation, skilled at modeling domains and designing relational schema, capable of mapping disparate legacy data into cohesive, modern solutions, and adept at overcoming challenges like inconsistent data and varying system requirements

- **Principled Engineer** who applies a principled and pragmatic bottom-up approach, emphasizing strong software architecture, while working with teams to implement structured, scalable solutions that prioritize maintainability and code quality

Areas of Expertise

PROGRAMMING LANGUAGES: Java | PHP | JavaScript | .NET | SQL | Shell Scripting | LaTeX

SERVERS: IIS | NGINX | Apache | GitLab

DATABASES: MySQL | PostgreSQL | MSSQL (SQL Server)

FRAMEWORKS: Symfony | Laravel

ARCHITECTURAL STYLES: REST (APIs)

PARADIGMS, PRINCIPLES, AND TECHNIQUES: OOP | SOLID | Design Patterns

OPERATING SYSTEMS: Linux | Windows | Cygwin

LANGUAGES: English (Native) | French (A2-B1)

Professional Experience

LEAD SOFTWARE DEVELOPER   *Apr 2009 – Jul 2024*
MULTIEMPLOYER, INC | *BERKELEY, CA*

- Developed enterprise applications, designed and implemented REST APIs for third-party integrations, built and maintained application APIs for client mobile apps, and integrated WordPress with PHP frameworks
- Led data modeling efforts for enterprise processes such as employer union remittances, dues collection, and ACH transactions by documenting domain models, creating structured data representations, and developing user stories to ensure a shared understanding across teams
- Engineered data migration processes by writing scripts to map legacy data from mainframe systems, into modern relational databases, enabling modernization while supporting backward compatibility for legacy systems
- Led the implementation of version control infrastructure by setting up and managing GitLab, migrated from MySQL to PostgreSQL, and mentored a team of three developers in best coding practices
- Refactored and untangled legacy codebases to improve modularity and maintainability, and designing Git workflows with a structured release tag schema to enable seamless tracking, rollback, and deployment of code
- Managed development environments using a fork of Laravel Homestead and Vagrant, creating build scripts to handle dependencies and configure infrastructure for 10+ legacy applications with unique server requirements
- Automated deployment tasks using shell scripts and cron jobs, optimized build pipelines for reliable application deployment, and leveraged AWS services (EC2, RDS) for cloud hosting and database management

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Additional Experience

RESEARCH ASSISTANT & PROGRAMMER | CENTER FOR THE BUILT ENVIRONMENT | *BERKELEY, CA*   *2007 –2012*

SOFTWARE ENGINEER | SYNOVATION | *MODESTO, CA*   *2001 –2002*

PROGRAMMER | AMERICAN MEDICAL RESPONSE | *MODESTO, CA*   *1998 –2001*

Education

BACHELOR OF ARTS IN COGNITIVE SCIENCE *(CREDIT HOURS COMPLETED)*

UNIVERSITY OF CALIFORNIA, BERKELEY | *BERKELEY, CA*

- Interdisciplinary program combining Computer Science, Linguistics, Philosophy of Mind, Cognitive Psychology, and Neuroscience