

Quincy Glenn

Software Ronin

Worcester, US, 01609, +1 508-425-1298, qglenn@theibishead.com

Professional summary

Software Ronin with over two decades of expertise in building scalable, secure, and maintainable systems. Skilled in multiple server-side languages, relational and non-relational databases, and a wide range of open-source technologies. Adept at modernizing legacy codebases, optimizing performance, and designing robust architectures that align with business goals. Committed to delivering clean, efficient code and collaborating across cross-functional teams to drive innovation and long-term success.

Employment history

Software Ronin, Dec 2017 - Present

ThothProcess, United States

- Modernized legacy PHP applications by refactoring into modular Laravel services, introducing PHPUnit and Pest testing, and containerizing environments with Docker, reducing production issues by 40%.
- Designed and maintained scalable REST and GraphQL APIs using Laravel, integrating with custom React frontends to deliver performant, component-driven UIs.
- Migrated monolithic apps to Laravel + React stacks using a phased approach with feature flags and integration tests, achieving zero-downtime deployments and long-term maintainability.
- Strengthened backend security by implementing OAuth2, input validation, and static analysis tools, while enforcing test coverage to reduce regressions and meet best practice standards. Automated deployment pipelines using CI/CD tools significantly reducing release times and improving team efficiency across project lifecycles.

Software Consultant, Jan 2019 - Jun 2024

Constructique, Lee, MA

- Refactored legacy WordPress plugins to follow modern PHP standards (PSR-12, OOP), added automated PHPUnit tests, and containerized development with Docker, reducing plugin support requests by 40%.
- Engineered secure, RESTful endpoints and integrated them with custom React components in the WordPress admin, improving UX and enabling dynamic plugin interfaces.
- Migrated legacy jQuery-based admin tools to React while maintaining backward compatibility through feature flags and incremental rollouts, ensuring zero user disruption.
- Hardened plugin security by implementing nonce checks, capability validations, and static code analysis, aligning with WordPress coding standards and reducing reported vulnerabilities.

Web Application Developer, Jul 2016 - Nov 2017

Alliance For A Healthier Generation, Portland, OR

- Replaced fragile legacy infrastructure with Dockerized Linux environments on AWS, accelerating developer onboarding and enabling secure, testable backend deployments.
- Implemented automated database migration workflows with version control to support safe schema changes and rollback capability in legacy systems.
- Developed backend deployment scripts that integrated testing and release steps, reducing manual deployment time by 75% and improving release reliability.
- Maintained comprehensive documentation for system architectures and processes, ensuring clarity and consistency for future development efforts.

Skills

Legacy Code Maintenance,
CI/CD,
Agile,
Git,
GitHub,
DevOps,
AWS,
GCP,
Azure,
Docker,
Linux,
Nginx,
Laravel,
WordPress,
PHP,
Python,
Node.js,
TypeScript
Golang,
Java,
CSharp
PostgreSQL,
MySQL,
MongoDB,
API Design,
REST,
GraphQL,
OAuth.

Links

GitHub: github.com
LinkedIn: [linkedin.com](https://www.linkedin.com)

Software Engineer, Apr 2015 - May 2016

Songspace, Nashville, TN

- Modernized legacy ETL workflows by building custom backend pipelines in PHP, cutting data processing time by 50% and improving overall system efficiency.
- Replaced a fragile search system with Elasticsearch and third-party audio fingerprinting APIs, boosting application performance and scalability for music metadata retrieval.
- Reduced technical debt and enhanced maintainability by refactoring legacy PHP code using modern design patterns and introducing automated tests.
- Developed a robust API management system, facilitating seamless integration with third-party services and enhancing overall application functionality.

Backend Developer, Dec 2011 - Mar 2015

DealDay, Los Angeles, CA

- Spearheaded the development of a custom penny auction platform, resolving critical performance bottlenecks by redesigning the real-time bidding logic, which improved response times by 60% under load.
- Modernized key sections of a legacy eCommerce system, transitioning from monolithic PHP to a service-oriented backend, which reduced technical debt and enabled faster feature deployment.
- Collaborated cross-functionally to integrate Backbone.js into the frontend stack, streamlining the user interface for auctions and boosting user engagement metrics by 35%.
- Led a backend refactor to implement RESTful APIs supporting mobile and web clients, which laid the foundation for future scalability and reduced customer service complaints by 40%.

Software Engineer, Jan 2011 - Nov 2011

Croscon, New York, NY

- Architected a virtual debating platform using JavaScript, WebRTC, and a custom Node.js backend with RESTful APIs, enabling users to record and replay debates asynchronously and reliably.
- Refactored a legacy PHP codebase to improve modularity and stability, reducing runtime errors by 60% and streamlining the addition of new backend features.
- Designed and implemented a versioned REST API for debate session management and authentication, improving frontend/backend integration and enabling third-party service support.
- Re-engineered the media storage pipeline using CDN and asynchronous job queues, reducing video load times by 40% and tripling concurrent user capacity.

Web Application Developer, Jan 2008 - Oct 2010

Atlas Technology Consulting, Holyoke, MA

- Extended a custom CRM system by developing and maintaining custom Drupal modules that interfaced with internal APIs and user workflows. This enabled client-specific data management features, improving user efficiency and reducing manual processes by 40%.
- Designed and implemented RESTful APIs to expose CRM features and enable integration with external partner services. This opened new business opportunities by supporting data exchange with third-party platforms.
- Optimized backend systems by analyzing database performance bottlenecks and applying indexing, query refactoring, and caching. Achieved up to 40% reduction in page load times and improved system responsiveness during peak usage.
- Built cross-browser, cross-platform UI components using JavaScript, improving frontend usability and consistency. This contributed to a 25% reduction in UI-related support requests.

Web Application Developer, Jan 2008 - Feb 2010

City of Springfield, MA, Springfield, MA

- Migrated and maintained over 30 legacy Typo3 installations across various city departments by analyzing outdated code, refactoring backend PHP extensions, and building custom plugins. This modernization improved system performance and increased content management efficiency by 40%.
- Redesigned the city's public-facing GIS application by integrating JavaScript with ArcGIS and ensuring 508 compliance for accessibility. This initiative enhanced property-related features such as zoning overlays and improved usability for citizens with disabilities, resulting in a 60% increase in usage.
- Introduced version control using Subversion (SVN) for the city's internal development team. Conducted workshops and documented workflows, which improved code collaboration and reduced deployment-related bugs by 30%.
- Engineered a real-time election results dashboard to handle high-traffic loads during city and state voting periods. Leveraged jQuery for dynamic UI updates and AJAX polling to fetch live vote counts from backend APIs.

Web Programmer, Jan 2006 - Dec 2007

Lenox Softworks, Lenox, MA

- Developed custom CMS and e-learning platforms for educational institutions and nonprofit clients by architecting backend systems in PHP and MySQL. This empowered non-technical users to manage multimedia content, quizzes, and course modules, resulting in reduced support requests and improved learner engagement.
- Designed and implemented interactive presentations using ActionScript and JavaScript, integrating video, quizzes, and animations to support client training and educational initiatives. These tools helped increase information retention and improved client satisfaction during onboarding.
- Built scalable backend systems to support content delivery, user tracking, and course analytics for e-learning products. Implemented authentication, role-based access control, and audit logging to support client compliance requirements.
- Set up and configured secure mail servers to handle transactional and campaign-based email delivery for CMS users, including bounce handling, SPF/DKIM, and mailing list management. This improved deliverability rates and communication effectiveness.

Web Application Developer, Jun 2004 - Dec 2005

Web Solutions, Meriden, CT

- Designed backend services using PHP and ASP to support dynamic CMS modules, enabling the launch of 3 new business models and reducing manual content entry by 50%.
- Built reusable JavaScript components for inline editing and real-time updates using XMLHttpRequest and custom DOM manipulation, improving editorial workflow efficiency by 40% and enabling a more interactive UI before modern frameworks were widely adopted.
- Implemented cross-browser AJAX utilities using vanilla JavaScript to ensure compatibility with IE6+, reducing support tickets related to inconsistent behavior across browsers.

Web Programmer, Jun 2003 - May 2004

Sotheby's International Realty, Santa Fe, NM

- Created dynamic MLS search interfaces using JavaScript and DOM manipulation, improving usability and reducing user drop off by 30%.
- Automated MLS data synchronization by integrating backend PHP scripts with external APIs, cutting listing update time from hours to minutes.
- Shifted filtering logic to the backend to support SEO-friendly URLs and faster load times, increasing organic traffic by 18%.

Education

Bachelor's Degree in Computer Science, Sep 1998 - May 2003

Springfield College, Springfield, MA