

Rick Toews

Full-stack Developer

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PROFESSIONAL SUMMARY:

A seasoned Full-stack Developer with over a decade of experience, adept at navigating complex software development landscapes. Proficient in various languages and frameworks, emphasizing JavaScript and PHP. Recognized for promoting innovation and efficiency in web application development, with a strong ability in troubleshooting and problem-solving, aligned with a focus on customer-centric solutions and collaborative project management.

TECHNOLOGIES:

Languages: JavaScript, PHP, Python; HTML, CSS

Frameworks: ReactJS, Slim micro framework, Node.js

Databases: MongoDB, PostgreSQL, MySQL

Tools: VS Code, vim, Shell Scripting, GitHub

Others: Linux, DNS management

PROFESSIONAL EXPERIENCE:

Software Developer | *Perfection Learning, October 2012 – Present*

Joining the team as an assistant JavaScript Developer, I quickly evolved into a pivotal full-stack developer, bridging the gap between intricate backend systems and user-centric frontend interfaces. My journey here encapsulates the dynamic nature of software development, marked by continuous learning, adaptation, and innovation.

Key Contributions:

- **Full-Stack Development:** Integral in maintaining and enhancing a dynamic web app built with ReactJS and a PHP API, underscoring versatility in both frontend and backend development.
- **AI-Powered Grading Assistant:** Developed an AI-powered Grading Assistance tool for teachers using the OpenAI API. Designed and implemented a PHP-based solution that leveraged the gpt-4o model to evaluate and score student essay assignments, saving educators time and improving consistency. Integrated the tool with the existing platform to provide a seamless user experience.
- **Deployment Mastery:** Authored and maintained shell scripts that automated and refined the code deployment process, ensuring seamless updates and zero downtime. Instrumental in implementing cron jobs for QA environments and

meticulous deployment protocols for production.

- **Integration Expertise:** Led the successful integration of the company's product with Canvas, a third-party platform, via Ed.Link APIs. This initiative amplified the app's reach and functionality, epitomizing collaborative and cross-functional development.
- **Customer-Centric Approach:** Regularly engaged in troubleshooting and resolving customer service issues, demonstrating an unwavering commitment to enhancing user experience and satisfaction.
- **Technical Collaboration:** Fostered a synergistic environment, liaising between internal teams and contract workers through platforms like Slack, ensuring seamless communication and project execution.

Web Developer (Brief Overview) | *Various Roles, Pre-2012*

Before stepping into my current role, I amassed a wealth of experience working with a diverse clientele, delivering customized web solutions tailored to specific business needs. My journey is characterized by a rich blend of technology applications, from PHP and MySQL to intricate JavaScript implementations, laying a solid foundation that I continue to build upon at Perfection Learning.

PERSONAL PROJECTS:

Involved in the full-cycle development of personal web applications, demonstrating proficiency in ReactJS and Python.

Highlights:

- Developed and hosted various web applications on managed cloud platforms like Netlify and Vercel, and a VPS on DigitalOcean.
- Installed and configured essential software and services on a Linux-based server to host and run applications.
- Crafted applications that exemplify adaptability and innovation in development practices.

Selected Projects: ricktoews.github.io

EDUCATION:

M.S., Instructional Design and Technology / Online Learning, Walden University, 2011
B.S., Computing/Information Systems, Loma Linda University, Riverside, CA