

MATTHEW J. RADFORD

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[Portfolio](#) - [Blog](#) - [GitLab](#) - [GitHub](#)

EDUCATION **Bachelor of Computer Science and Engineering** 2009 - 2014
University of Nevada

TECHNICAL EXPERIENCE **Languages:** Javascript, Rust, PHP, Java, Python, Perl, SQL
Toolchain: Linux, web servers (Apache/nginx), version control (git), dependency management (composer/npm), containerization (Docker), CI (Gitlab), CD (Jenkins)
Practices: SOLID, Static Analysis, Git Flow, Test-Driven Development (TDD)

WORK HISTORY

No-IP Dynamic DNS

Senior Software Engineer **Present**

Added Responsibilities

- Review all incoming code.
- Assume the team DevOps role: deploy applications, maintain CI, register containers, and lead infrastructure upgrades.

Notable Achievements

- Upgraded all codebases to latest Laravel framework and PHP versions.
- Integrated OpenAPI for documenting APIs and generating HTTP clients.
- Applied quality control CI across all codebases, e.g. linters, static analysis, security scans, code complexity reports.

Full Stack Software Engineer III 2019

Added Responsibilities

- Mentor junior engineers on full-stack best practices.
- Contribute to API design, implement public and private APIs.

Notable Achievements

- Implemented and released multi-factor authentication.
- Abstracted the legacy domain registration system to an interface.
- Overhauled the subscription/billing system, integrating new third-party APIs.

Full Stack Software Engineer II 2016

Added Responsibilities

- Perform code review, reviewing for clarity, integrity, security, and scalability.
- Migrate legacy code into modern frameworks (Laravel/vue.js), with automated tests.

Notable Achievements

- Implemented and integrated a feature-flag suite for continuous deployment.
- Introduced a modern frontend stack: node, webpack, vue.js, single-page app.
- Engineered the open-source vue.js plugin [vue-i18n](#) for translating the frontend.

Full Stack Software Engineer I 2014

Responsibilities

- Code and release new website features.
- Follow the Agile process and its practices.

Notable Achievements

- Overhauled the legacy email scheduling system.
- Owned the language translation and localization system for the website.

<i>University of Nevada</i>	
Teaching Assistant - Computer Security	2013
<i>QuickQuote Financial</i>	
Web Developer (LAMP Stack)	2011-13
<i>Kinross Gold</i>	
IT Technician	2010

**OTHER
EXPERIENCE**

- Engineered the open source project [serv.from.zone](#), a web app which renders HTML based on DNS TXT records.
- Engineered the open source project [composer.guru](#), a semver range finder for composer-specific semver constraints.
- Engineered [SoundSerum](#), a techno music app for Android.
- Completed the UNR senior project [VHUD](#) (Vehicle Heads Up Display), an Android app that interfaces with an OBDII Bluetooth adapter to reflect vehicle data on glass.