

MATTHEW J. RADFORD

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EDUCATION	Bachelor of Computer Science and Engineering <i>University of Nevada</i>	2009 - 2014
TECHNICAL EXPERIENCE	Ops: Linux, git, GitLab CI, GitHub Actions, Docker, Terraform, Prometheus, Sentry Protocols/Spec: IP, DNS, HTTP, SSH, TLS, EPP, OpenAPI Languages: TypeScript, Rust, Perl, PHP, Java, Python, Bash, SQL	
WORK HISTORY	Vitalwerks - noip.com Senior Software Engineer <i>Summary:</i> Maintain software infrastructure, guide software growth. <i>Responsibilities:</i> <ul style="list-style-type: none">– Upgrade language and framework versions prior to EOL.– Review code in pull/merge requests. Monitor code releases.– Convert product descriptions to technical requirements for engineers.– Ensure production environments are prepared, observed, and reliable.– Create and review OpenAPI specification, following REST conventions.– Own DevOps tasks: deploy servers, maintain CI, register containers, etc.	2021 - Present
	Software Engineer III <i>Summary:</i> Led projects to completion and mentored junior engineers. <i>Achievements:</i> <ul style="list-style-type: none">– Created public and private APIs, with comprehensive OpenAPI spec.– Led multi-factor authentication, DNS, and SSL projects to completion.– Applied CI quality control: linters, static analysis, SAST, code complexity reports. Assisted engineers with tool adoption and dev environments.	2019 - 2021
	Software Engineer II <i>Summary:</i> Owned large migration efforts and refactored the codebase. <i>Achievements:</i> <ul style="list-style-type: none">– Migrated the subscription/billing system to Braintree's API.– Refactored the DNS registration system into a unit-tested package.– Migrated the legacy SMTP email dispatch system to SendGrid's HTTP API.	2016 - 2019
	Full Stack Software Engineer <i>Summary:</i> Contributed to sprint goals by implementing website features. <i>Achievements:</i> <ul style="list-style-type: none">– Modernized the website's frontend stack: Node.js, NPM, Webpack, Vue.js.– Implemented and integrated a feature-flag suite for continuous deployment.– Engineered an open-source Vue.js plugin vue-i18n for translating the frontend.	2014 - 2016
	QuickQuote Financial System Administrator <i>Summary:</i> Maintained insurance infrastructure, pipelines, and data. <i>Achievements:</i> <ul style="list-style-type: none">– Virtualized production and development environments.– Improved website's search engine rank through performance improvements.– Maintained the web application for processing insurance quotes and policies.	2011 - 2013