

Matthew Schlachter

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Skills

Programming languages

Rust, Python, C#, Java, PHP, UNIX shell scripting (e.g. Bash)

Data languages/structures

SQL (PostgreSQL, MySQL, SQLite, etc.), PL/SQL, JSON, XML

Deployment + Automation

Docker, Helm, Kubernetes, Terraform/Terragrunt, Ansible

Other

Git (including hooks + GitHub Actions)

Recent Experience

Software Developer

October 2021-Present

VIA Science

- Mentored team members to accelerate their skill development through personalized training sessions
- Improved deployment times by 70% through automating CI/CD deployment pipelines in restricted environments (Terraform/Terragrunt, Helm, Ansible, AWS + GovCloud, Kubernetes, Docker)
- Delivered key features to clients through designing, developing, and maintaining backend APIs and microservices (Python, FastAPI, Django, SQL)
- Presented a series of 5 SQL tutorials as the resident expert, improving our team's code efficiency and cleanliness

Full Stack Developer

March 2019-October 2021

Monster Strategic Talent Solutions (formerly The Foundry by Monster)

- Designed and developed a modular job management and career site platform, enabling clients to manage and display job listings (PHP, Laravel, SQL, HTML, CSS, jQuery, Bootstrap)
- Integrated with external job management systems by building microservices that connect to third-party APIs (PHP, SQL)
- Ensured optimal user experience by advocating for compliance with accessibility best practices (WCAG, ARIA)
- Improved uptime and security through managing deployments and server architecture for sites that receive ~40,000 monthly visitors each (Ubuntu + Apache/NGINX, Amazon AWS/AMS, MySQL)
- Accelerated product development through onboarding and training local and overseas employees

Full Stack and Mobile Developer

November 2017-February 2019

Solutions Beeye Inc

- Updated and maintained a large existing online project management system in a fast-paced start-up environment (C#, .NET, SQL, Typescript, jQuery)
- Independently developed the organization's first mobile app, enabling clients to track task progress in real-time (Android/Java, iOS/Swift)

Education

Collegiate Degree of Computer Science (DEC)

Graduated 2015

Cégep Heritage College; Gatineau, Quebec

- Consistent honour roll student, and computer science student representative
- Reverse-engineered and recreated a complex, conditional algorithm for use in an online system for analyzing teacher workloads to reduce costs and increase efficiency (PL/SQL, Java)