

Alexander Shuey

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WORK EXPERIENCE

Datto - Software Engineer II

February 2021 - Present

- Full-stack software engineer on the Datto Partner Portal team, with a focus on development of Datto Continuity for Microsoft Azure
- Built secure and scalable software with PHP, MySQL, TypeScript, React, and Twig using the Symfony framework on Linux/Apache-based servers
- Worked with developers and designers in a cross-team effort towards company-wide adoption of React frontend development and Datto's internal React UI kit

I3 Systems - Software Engineer, Freelance

November 2020 - Present

- Frontend-focused engineer developing software to improve the orchestration and governance of IoT data in major cities around the world
- Worked with backend developers and designers to create the user interface for the I3 Broker software using Vue.js
- Developed a secure remote monitoring agent using Go, JSON-RPC, and HMAC authentication

Image Permanence Institute - Web Applications Developer

May 2018 - February 2021

- Worked with external stakeholders to develop new features for enterprise versions of eClimateNotebook, the department's flagship analytical application
- Evaluated all department web resources for security and long-term stability and developed a long-term plan for improving older applications
- Implemented a comprehensive monitoring and downtime response plan and achieved 99.8% uptime across all applications

Laughing Rock Technology - Developer

August 2015 - May 2018

- Developed custom business applications using PHP to customer specifications. Acted as a "technical translator," converting business use cases to technical requirements
- Implemented a robust CI/CD workflow for applications, decreasing lead time for new features from weeks to days
- Created a centralized location for technical documentation and business documents which saw widespread adoption by the company

EDUCATION

Rochester Institute of Technology - B.S., Computer Science

September 2013 - May 2018

Rochester, NY

SKILLS

Languages: PHP, Javascript, Typescript, HTML/HTML5, CSS, Python, SQL, Go, C, C#

Frameworks: Laravel, Django, Symfony, React, Vue.js, jQuery, Bootstrap, Tailwind CSS

Technologies: Git, Cloud Computing (AWS, Microsoft Azure), CI/CD, REST, JSON-RPC, Windows, Linux