Stephen Johnston

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Experience

Co-Creator, Software Developer, *Herald* ⌞   Jan 2023 – Apr 2023
- Built a data pipeline for the collection, processing, storage, and visualization of logs, traces, and metrics data
- Created CLI tool for streamlined deployment of the ELK stack on AWS
- Automated deployment of the ELK stack using JavaScript and AWS CDK
- Secured communication among infrastructure components using TLS encryption
- Containerized components of pipeline infrastructure deployed with AWS ECS
- Engineered service discovery among components using AWS Cloud Map
- Implemented auto-scaling of Elasticsearch cluster
- Authored Herald's case study ⌞
- Collaborated with a remote team of 4 developers across Canada and the U.S.

Full-Stack Web Developer, *Self-employed*   Oct 2019 – Jan 2023
- Developed open-source web applications with technologies such as Node, Ruby, Sinatra, PostgreSQL, React, JavaScript, jQuery, HTML, and CSS.
- Selected Projects:
  - PanicBin - A real-time tool for monitoring and receiving webhooks (DigitalOcean Droplet, Express, MongoDB, Node.js, Nginx, PostgreSQL, and React)
  - Shopping-Cart: a database-backed e-commerce app (React, MongoDB, Node.js)
  - Todos: A todo tracking app (JavaScript, Node.js and Express)

Farm Worker, *Maple Bloom Farm*   May 2022 – Oct 2022
Aided in cultivating, planting, harvesting, and packaging organic produce for a Community Supported Agriculture (CSA) program.

School Bus Driver, *Switzer-Carty Transportation*   Sep 2019 – Nov 2020

Skills

Languages	Frameworks	Technologies	Cloud
JavaScript, Ruby, Go, SQL, HTML, CSS	Express, React, Handlebars, jQuery, Sinatra	Node.js, Git/Github, Docker, PostgreSQL, MongoDB, ELK stack, HTTP, REST APIs, Nginx, Bash, Linux	CDK, IAM, CloudMap, Lambda, EC2, ECS, EFS, CloudWatch, Fargate

Education

Launch School, *Software Engineering & Full-stack Web Development*   2019 – 2023
                                                                                                            Remote

Saint Mary's University, *Bachelor of Commerce (Bcom), Marketing*   2011 – 2016
Member of the Men's Varsity Hockey Club   Halifax, Canada

Notable Achievements

NHL Draftee, *Detroit Red Wings* ⌞   2008