

SKILLS

API Design & SRE 8+ yrs

Systems Design 7+ yrs

Database Design 8+ yrs

Terraform & IaC 6 yrs

DevOps & Delivery 7 yrs

Senior Leadership 5 yrs

TOOLS

Javascript/TypeScript 7+ yrs

Git & Github 7+ yrs

SQL 7+ yrs

Terraform & Docker 6 yrs

AWS Cloud Tooling 6 yrs

Unix OS 10+ yrs

Go 4 yrs

HTML/CSS 4 yrs

Temporal 4 yrs

NX 4 yrs

Nix 3 yrs

CONTACT

683 Keystone Chase W
Lethbridge, AB, Canada

+1 403 360 9654

hey@mattforster.ca

MATT FORSTER

solving problems, building momentum

PROFILE

Technical Leader, Software Engineer, DevOps and Cloud Operations. Continually caring about the value, reliability, and consistency of the services my teams and I create.

I chase excellence in application development (web and native), user experience (with a focus on platform experiences through CLI and APIs), software quality improvements, infrastructure automation, database administration, and other development projects that allow me to use my creativity to solve problems and help people.

WORK EXPERIENCE

Senior Software Engineer
VTS - [View the Space Inc.](#)

2022 - Now

Global Services Architecture & Platform Experience - Helping the business and engineering community within VTS build great solutions through established software patterns, APIs and tooling.

Impacts:

- Drove refactoring of multiple repositories with a focus on development experience, continuous integration cost, and stabilized CI pipelines across the products. Saw speed DevOps improvements of up to 45%, and stability improvements from 30% to 90% as the repositories scaled.
- Advocated for and influenced engineering patterns that match and push forward the organization's vision. Introduced and championed Technical Vision, Strategy and Architectural writing to the senior engineering and management groups.

Responsibilities:

- Judge technical proposals and provide critical feedback, using collaborative and inclusive processes
- Lead feature creation, development efforts, and deployment by writing code
- Shape and bet on roadmaps and projects that affect the entire organization
- Plan and solidify engineering goals and milestone and oversee execution on multiple teams

EDUCATION

2013 - 2017

B. Sc. Computer Science

University of Lethbridge

Focus on software engineering and design.

Co-operative education in cooperation with Agriculture and Agri-Food Canada. Completed a research project on the design and implementation of a web-based LIMS for the management of Culture Collection and Sample Annotations.
<https://github.com/matt-forster/LIIS> (PHP)

2006 - 2009

Diploma, Computer Information Technology

Lethbridge College

Graduated with Honors. College Diploma with a business orientation.



Development Team Lead, Software Architect - Server Applications and API Infrastructure, DevOps. Autovance & Quorum Information Technologies

2014 - 2022

As one of the software architects at quorum, my team and I are building the infrastructure and development community that will guide the company into the future. With Quorum's recent acquisitions, our job is to bring these teams and software stacks together and create a cohesive platform and product suite.

Impacts:

- Re-engineered the RabbitMQ client libraries to use asynchronous streams and channel pools to reduce message sizes and churn, improving memory efficiency by 60% and reducing server instability under load.
- Started the change of communication and contribution culture within new teams, improving and encouraging the writing of the engineering organization and building a positive and inclusive community.
- Founded and grew a successful development team from 2 to 8 members, with high psychological safety and a strong sense of responsibility

Responsibilities:

- Lead feature creation, development efforts, and deployment by writing code
- Mentor and coach members of a technical leadership team
- Host Architecture Chapter meetups, technical training, and other events
- Shape and bet on roadmaps and projects that multiple teams will work on
- Lead, encourage, and evolve collaborative culture and code review practices