

SKILLS

API Design & SRE 8+ yrs

Systems Design 7+ yrs

Database Design 8+ yrs

Terraform & IaC 6 yrs

DevOps & Delivery 8 yrs

Senior Leadership 6 yrs

TOOLS

Javascript/TypeScript 8+ yrs

Git & Github 8+ 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

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MATT FORSTER

solving problems, building momentum

PROFILE

Technical Leader, Software Engineer. 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

Staff Software Engineer
VTS - View the Space Inc.

2025 - 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:

- Built, launched and scaled backend services and APIs to support the VTS Platform business goals, including data design and software architecture that joined distinct systems together to power artificial intelligence flows and business insights.
- 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 business wide technical proposals and provide critical feedback, using collaborative and inclusive processes
- Mentor teams in project management and feature delivery best practices
- Shape and bet on roadmaps and projects that affect the entire organization
- Plan and solidify engineering goals and milestones and oversee execution over multiple software systems

EDUCATION

2013 - 2017

B. Sc. Computer Science
University of Lethbridge

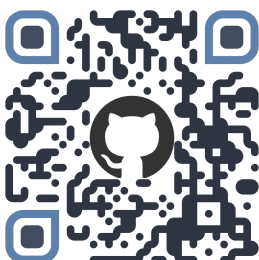
Focus on software engineering and design.

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.



Senior Software Engineer
VTS - View the Space Inc.

2022 - 2025

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 milestones and oversee execution on multiple teams

Founding Development Team Lead, Software Architect - Server Applications and API Infrastructure, DevOps.

2014 - 2022

Autovance & Quorum Information Technologies

As a software architect at quorum, my team built the infrastructure and development community that helped guide the company into the future.

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.
- Founded and grew a successful development team from 2 to 8 members, with high psychological safety and a strong sense of responsibility

Responsibilities:

- Host Architecture Chapter meetups, technical training, and other events
- Lead feature creation, development efforts, and deployment by writing code
- Mentor and coach members of a technical leadership team

