

# 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 and 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) and user experience, with a focus on platform experiences through CLI and APIs. I excel at software quality improvements, infrastructure automation, and database administration.

My impactful projects include building typescript and golang best practices and project architecture, optimizing CI/CD workflows, improving system reliability, and delivering solutions that improve user and business outcomes with long-horizon impacts.

## WORK EXPERIENCE

### Staff Software Engineer VTS - View the Space Inc.

2025 - Now

Front Office and Platform Pillar - 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 Lead, Software Architect - Server Applications and API Infrastructure, DevOps. Autovance & Quorum Information Technologies

2014 - 2022

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

