

Xiaochuan Zha (Tran)

Software Engineer

Contact

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Website

trannzfsg.github.io/resume

About

Profiles

Github

[trannzfsg](https://github.com/trannzfsg)

LinkedIn

[Tran Zha](#)

Work

Loan Market Group

Jul 2019 – Present

Software Architect

www.loanmarket.com.au

Continue project MyCRM (V3), help to drive the migration into modern architecture and tech stacks

Highlights

- Re-platform to break down monolith
- CI, CD and infrastructure/config/process as code
- Observability and OpenTelemetry
- Containerisation and Kubernetes cluster
- Tech stack upgrade while continue to deliver features and improvements
- Production incident management, assist to refine release process and branching strategy
- Drive tech roadmap according to business roadmap
- Assist onshore team expansion
- Assist to transform from Scrums to Shape Up

New Zealand Financial Services Group

Apr 2016 – Jul 2019

Software Architect

www.nzfsg.co.nz

Launched project MyCRM (V2 & V3) and support migration of ALL and NZ users

Launched project MyCRM (V2 & V3), and support migration of AU and NZ users from previous systems

Highlights

- API and database development
- Cloud hosting with Amazon web services
- System architect and landing of it
- 3rd party and toolset integrations
- Data migrations
- Enrich ecosystem by implementing serverless stack
- Security audit by PWC
- Offshore dev team expansion
- Scrums and sprints

LifeDirect / Inform Holdings Limited / Trade Me

Jul 2008 – Mar 2016

Web application developer - Software engineer

www.lifedirect.co.nz

Risk insurance end-to-end online services; launched project MyCRM (V1), QuoteMonster, MortgageShield and satellite projects

Highlights

- Web application development & SPA
- Database and backend development
- Google Analytics and conversion funnels
- Custom built CRM system
- Insurance/mortgage profiling/quoting/servicing engines
- Online applications
- Reporting solution & admin portals
- Fullstack proficient
- On-premise hosting solution and operations for small team
- Products built kept expanding, after company merged and acquired multiple times

Education

University of Auckland

Jan 2001 – Jan 2004

Computer Science

www.auckland.ac.nz

Bachelor

University of Auckland

Jul 2005 – Jul 2006

Computer Science

www.auckland.ac.nz

Postgraduate Diploma

Projects

MyCRM

Aug 2016 – Aug 2016

Team lead, Designer at Smoogle

misdirection.example.com

A mapping engine that misguides you

Highlights

- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

Skills

Architecture diagrams & documentation

draw.io confluence
pitch writing

Web application development

HTML CSS Javascript React

Data lake & data warehouse

Data lake - AWS S3 / Google cloud storage
ETL - AWS Glue / Spark / Google Jobs
Data warehouse - BigQuery / Redshift
Visualisation - Google data studio

Serverless architecture

Serverless framework Lambda
CDN / Edge computing
Static website hosting

Infrastructure automation

Terraform Kubernetes
Amazon Web Services
Google Cloud Platform

API development

C# .Net NodeJS REST
RPC

Relational & NoSQL databases

MS SQL Server PostgreSQL
DynamoDB

Containerisation & orchestration

Docker Container registries
Kubernetes

Event driven architecture

Pub/sub CQRS
Queue / Notification services

Continues integration & continues delivery

Bash scripting
Github actions / CircleCI / AppVeyor
Octopus / CodeDeploy Sops
DbUp Redgate

Tracing and monitoring

OpenTelemetry

Instrumentation

SLA/SLO/SLI

Visualisation & alerting

Dynatrace

Honeycomb

Version control & branching strategy

Git

Github

Trunk based development

Gitflow

Feature / release toggles

Languages

English

Fluent

Mandarin

Native speaker

Interests

Basketball & NBA

Once a week casual games

Following NBA games

Reading & podcasts

History

Personal development

Technology & science

Science fiction, fantasy, movies/series, games

Star wars

Blizzard

References

CTO of Loan Market Group - contact details are available on request

— Jakob Hojgaard

Supervisor/boss from 2008~2019 - contact details are available on request

— James Punnett