Xiaochuan Zha (Tran)
Software Engineer

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About

Profiles

Github
trannzfsg

LinkedIn
Tran Zha

Work

Loan Market Group

Senior software engineer

Jul 2019 – Present

www.loanmarket.com.au

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

Highlights

- Re-platform from monolith to multiple services
- CI, CD and infrastruture/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

Senior software engineer

Apr 2016 – Jul 2019

www.nzfsg.co.nz

Launched MyCRM, migration to cloud, migration of AU and NZ users from legacy

Launched MyCRM, migration to cloud, migration of AU and NZ users from legacy 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

Software engineer

www.lifedirect.co.nz

Risk insurance end-to-end online services; launched project MyCRM (legacy), QuoteMonster, MortgageShield and other 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

Apr 2016 – Present

Senior software engineer at **Loan Market**

mycrm.finance

Grow your business and save time with MyCRM, a cloud-based, ready to plug in application. Track sales, nurture leads, and manage your secure database from anywhere.

Highlights

- Technology platform of the year (2019, 2020) - Australian Broking Awards
- Fully cloud based (AWS)
- Integrate with numerous external services

LifeDirect
Jul 2008 – Apr 2016

Software engineer at **Inform Financial Services Ltd**   www.lifedirect.co.nz

Compare insurance quotes with LifeDirect. Use our free online tool to build and compare insurance quotes and then apply online today!

Highlights

- Being acquired twice
- Comprehensive quoting and application form engine
- Full end-to-end online risk insurance experience and after sale care
- Extensive backend reporting and administrative functionalities

MyCRM (legacy)
Jan 2010 – Jan 2012

Software engineer at **New Zealand Financial Services Group**   www.nzfsg.co.nz

All-in-one platform for mortgage and insurance advisers

Highlights

- Developed from scratch and sold out to NZFSG
- Operated efficiently for more than 10 years, until replaced by next generation of itself
- Multiple small projects inside, e.g. commission system, loan servicing engine, insurance quoting engine, loan/insurance profiling engine, document management engine, workflow automation engine, dashboard/reporting engine, mass email comms engin, etc.
- Done by a lean development team (1-2 devs only) over a relatively short period (2 years)

Skills

Architecture diagrams & documentation

draw.io   confluence

pitch writing

API development

C#   .Net   NodeJS   REST

RPC

Web application development

HTML   CSS   Javascript   React

Relational & NoSQL databases

MS SQL Server   PostgreSQL

DynamoDB

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

Containerisation & orchestration

Docker   Container registries

Kubernetes

Serverless architecture

Serverless framework   Lambda

CDN / Edge computing

Static website hosting

Event driven architecture

Pub/sub   CQRS

Queue / Notification services

Infrastructure automation

Terraform   Kubernetes

Amazon Web Services

Google Cloud Platform

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, fantacy,

movies/series, games

Star wars   Blizzard

References

Technology director - contact details are available on request

— Andrew Brown

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

— James Punnett