



NIGEL TIANY

SOFTWARE DEVELOPER

PERSONAL PROFILE

A self-taught programmer who enjoys coding with Golang. Experienced with distributed systems and scalable real-time systems using technologies such as GRPC, micro-service architectures and timeseries databases.

WORK EXPERIENCE

Founder - Confab

<https://confab.im> | Dec 2017 - present

- Build stress tested, fault tolerant backend code able to scale horizontally and, handle millions of requests per second
- Ease software development and deployment using infrastructure as code, automated build systems and generated documentation
- Create technical designs for distributed computing and implement them using various programming languages and cloud technologies e.g. Golang, pubsub, GRPC, redis
- Manage application secrets using workload identity to reduce secret leaks and implement encryption at storage
- Build memory efficient real time event streaming to power user analytics and other stream systems
- Create task systems for reporting bugs, running system checks and offloading time-insensitive work

Web Developer - Envoy

Jan 2016 - Sept 2017

- Use Rabbit MQ to build a scalable bulk user messaging with message templating
- Create a progressive web app with push notification in multiple platforms
- Create automated REST API documentation

Web Developer - Seven Ages Design

July 2015 - December 2015

- Work with clients to deliver appealing UI/UX, SEO friendly business e-commerce websites

EDUCATION

North Carolina A&T University

B.S Computer Engineering

2022

Wake Technical Community College

Associates in Engineering | Associate in Science

2019

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https://nigeltiany.com

https://github.com/nigeltiany

SKILLS



AWARDS RECEIVED

Solidworks Mechanical and Engineering Design

NASA Next Space Explorers

Flutter Bootcamp Developer