

Passionate software developer and designer. I want to use my interdisciplinary skills and global experience to build something great!

Portfolio: gernene.com

Email: gernenetan@gmail.com

Phone: 303 396 5812

Skills/Technologies: JavaScript (React, NodeJS, JQuery, NextJS), Typescript, HTML, CSS, GraphQL, SQL (Postgres), MongoDB, Writing, UIUX

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
Computer Science (BComp)

UNIVERSITY OF COLORADO BOULDER
Computer Science (BS)

WORK & EXPERIENCE

OPUS

Tech-Powered Private Tuition

opustuition.com

Software Developer

2024 - Present

- Built progress-tracking and user management system
- UIUX design for web app and marketing website
- Database design and migrations
- Handled deployment, CICD with Github Actions
- NodeJS/Typescript, NextJS/React, PostgreSQL, REST API

CHAPTER & CLUB

"Tinder for Writing Buddies"

Founder

Winter 2022 - 2024

- Designed and built full-stack social networking app with matching, feedback, and group chat features
- Built and engaged feedback from community of hundreds of writers to validate product/market
- Built KPI tracking dashboard
- Recipient of 10k Venture Initiation Program Grant (NUS)
- NodeJS/Typescript, NextJS, GraphQL, RabbitMQ, AWS S3, MongoDB, PostgreSQL, Dash Plotly/Python

EVYE

Brand Agency

evye.co

Engineering Intern

Winter 2021

- Built digital name card products for corporate clients
- Built digital brand guidelines tool
- PHP, Wordpress, HTML/CSS

WORKIVA

Connected Reporting

workiva.com

Engineering Intern

Summer 2020

- Built link parser and notifications for chat messages
- Helped refactor complex module code
- Utilized DartJS to contribute to multi-repo code base

HALP

Conversational Ticketing

halp.com

Engineering Intern

May 2019 - March 2020

- Built Microsoft Teams & Jira integrations
- Developed UI for Halp Answers
- Built custom web editor
- Helped implement UI redesign & fixed bugs
- Shipped color picker and custom bot messaging
- Utilized NodeJS, React, MongoDB, Postgresql, GraphQL

DOCFORGE

Documentation Tool

docforge.dev

Cofounder & Design Lead

May 2019 - March 2020

- Winner & audience choice - Silicon Flatirons Startup Summer (~5k funding)
- 2nd place - CU New Venture Challenge (~30k funding)
- Designed & implemented product UI
- Utilized NodeJS, React

FAIRVIEW WEB TEAM

fairviewhs.org

Co-Leader & Web Master

2017-2019

- Led responsive redesign & content restructure
- Supported ~40 000 users and 550 000+ views / mo
- Helped develop and maintain web app
- Utilized Ruby on Rails, Postgresql
- Built NodeJS + React Silent Auction web app

FREELANCE WORK & PROJECTS

- **Sarea:** Digital business card app demo/sandbox (React)
- **Jelly-Do:** Jelly-themed to-do list app (NodeJS + React)
- **Journal Supplies Co:** Stationery ecommerce app (NodeJS)
- **Operation Give Back:** Student volunteer app (Ruby on Rails)
- **DDCC:** Tech-themed game. Edit real code files to play. (Python)
- **Solisles:** Fantasy virtual pet site (PHP)

ADDITIONAL SKILLS & INTERESTS

- **Other languages I've worked with:** Python, Java, C++, PHP
- Digital art, illustration, and graphic design
- Writing (technical & creative)
- Branding and marketing work
- Fast learner, adaptable, enjoys wearing different hats
- Loves finding simple solutions for complex problems