

GENG SNG

FULL STACK
WEB DEVELOPER

CONTACT

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GENG.IO

LANGUAGES

JAVA
JAVASCRIPT
RUBY
PYTHON

FRAMEWORKS

HTML5, CSS3
JQUERY
BOOTSTRAP

EMBER.JS
EXPRESS.JS
NODE.JS
MONGODB

RUBY ON RAILS
POSTGRESQL
MYSQL
JDBC
JPA
HIBERNATE ORM

DEPLOYMENT

MOCHA
CHAI
RSPEC
SUPERTEST
CODESHIP (CI)
HEROKU

  @snggeng

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE & PHILOSOPHY
DUKE UNIVERSITY | 2016 - 2019 (EXPECTED)

GPA: 3.425

CLASSES: DATA STRUCTURES & ALGORITHMS,
DISCRETE MATH, DATABASES

WEB DEVELOPMENT IMMERSIVE

GENERAL ASSEMBLY | 2016 MAY - 2016 AUG

HTML5, CSS3, JS, RUBY, RAILS, NODE.JS

EXPERIENCE

CO-FOUNDER / CEO

KINLA ! FOODTECH STARTUP | JAN 2014 - SEP 2014

- Kinla! allows users to search, pre-order, pre-pay and arrive at their destination with their food ready to go
- Sales & Business Development: on-boarded 15 quick service meal restaurants; \$10,000 seed funding

PROJECTS

STARTUPS SG API

<https://github.com/snggeng/startups-sg-api>

- RESTful API of Singapore's startup scene using Node.js
- Created own test suite | 93.48% coverage & 65 tests using Mocha & Chai
- TDD with Continuous Integration for project workflow using CodeShip

PROTOSTAR

[private gitlab repo](#)

- Research & co-author on paper about optimizing large scale SQL queries on cluster network databases using graph algorithms
- Mapping Java objects into MySQL using Hibernate ORM, JPA and returning database tuples as Java Objects using JDBC
- Data visualisation using D3.js and cytoscape.js

MEALS ON WHEELS

[private github repo](#)

- Solving Multiple Travelling Salesmen Problem using linear programming
- In partnership with Meals on Wheels in Durham for fleet deployment
- Application to be tested in deployment with Meals on Wheels soon

TRIP MAPPER

<https://github.com/snggeng/trip-mapper>

- Create trips with friends and join your friends' trips
- Ruby on Rails postgres backend and erb frontend, user auth using Devise
- Google Maps Directions API for geocoding and generating routes

HACKATHONS

7 TIME HACKATHON PARTICIPANT

- Coffee Pass @ Startup Weekend Singapore | search and pre-order coffee | Node.js, Stripe API, GoogleMaps API
- MuseBot @ HackNC | messenger chat bot that does sentiment analysis | Node.js, Messenger API, Spotify API, IBM BlueMix API, d3.js

OPEN SOURCE / TALKS

- KopiHack: teaching web dev for beginners @ Duke
- HackDuke Edu: Gave workshop on making web apps in Ruby on Rails
- MEEN stack boilerplates are open-sourced
- HackDuke Tech: Web Crawler for locating cheap rentals