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Sean Tay
Full-Stack Developer

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//Summary

I'm a full-stack application developer who loves challenging the status quo and seeking creative solutions that are impactful. I'm a strong believer in continuous learning and I thrive in collaborative environments.

//Web Development Projects

Good2Know | http://seantay.github.io/Good2Know/

- Ice breaker app to introduce myself to my GA classmates using HTML/CSS, Javascript and jQuery.

BookWorm | https://sean-bookworm.herokuapp.com/

- Social media application for book lovers.
- This application was built using Ruby on Rails with a Postgres database.

In the Moment | https://seantay.github.io/In-the-moment/

- Dynamic dating application allowing users to update their profile with a variety of moments.
- Built using a Ruby on Rails backend serving a custom API and an AngularJS frontend.

QuoteBank | https://sean-quotebank.herokuapp.com/

- Application built in Express that randomly generates inspirational quotes.

Hello World | https://hello-world-wdi.herokuapp.com/

- Job search application allowing users to organize all job-search related tasks and resources.
- Multiple APIs were used to retrieve job postings and insightful articles from related blogs.
- Built using ReactJS and Ruby on Rails.

//Previous Experience

ENERCON Services — Germantown, MD

Lead Responsible Engineer | April 2014 — May 2016

- Provided engineering consulting services to a fleet of nuclear power stations in the Northeast and Mid-Atlantic regions of the United States.
- Prepared a multitude of modification packages for new equipment and for replacing existing components.

URS Corporation — Monroe, MI

Consulting Engineer | April 2013 — April 2014

- Prepared regulatory responses for accident coping strategies at Fermi Power Station relating to beyond design basis events.
- Provided engineering support on site: identifying risks, proposing solutions, and planning major on-site modifications.

URS Corporation — Charlotte, NC

Systems Engineer | Nov 2010 — April 2013

- Designed multiple fluid systems for a new nuclear power plant at North Anna Station.
- Worked closely with Mitsubishi Nuclear Engineering Team during the design process and made recommendations to improve the standard plant design.

//Education

General Assembly — Washington DC

May 2016 — Aug 2016

- Full-time immersive program to learn full-stack web development with

North Carolina State University — Raleigh, NC

Graduated May 2010

Bachelor of Science, Mechanical Engineering

//Skills

Programming Languages

Javascript	Ruby
SQL	CSS/Sass
HTML	

Libraries & Frameworks

AngularJS	Rails
React.js	Node.js
Express.js	Bootstrap
JQuery	

Databases

PostSQL	MongoDB
ActiveRecord	NoSQL

Testing, Versioning, & Deployment

Rspec	Jasmine
Git	Github
Heroku	AWS/S3
Firebase	

CMS

Wordpress	Wix
WooCommerce	

Organization

Trello	Evernote

Language

Burmese

Development Methodologies

Wireframing
User stories
Agile Development
Responsive Design
Test-Driven Dev.

Protocol

Websocket

Misc

AJAX	APIs