Seantay322@gmail.com
704-458-2197
Washington, DC

Sean Tay
Full-Stack Developer

linkedin.com/in/seantayDC
Github.com/seantay
Seantay.me

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 clean energy with extensive background in providing technical solutions for the industry.

Software Development Experience

Homesnap — Rockville, MD

JavaScript Developer | September 2016 — Current

- Directly involved with Design, Development, and QA processes.
- Overhauled server-side rendered website to API-based single page application with entirely new design refresh.
- Developed multitude of responsive, consumer-facing websites using LESS, Handlebars, and custom JavaScript framework.
- Developed component/design library for the web team, increasing efficiency and eliminating duplicate work.
- Performed QA Tests, fixed bugs, tracked errors, and managed dependencies.
- Worked with third-party APIs such as Google Maps to improve home searches and Imagizer for image processing.
- Designed high conversion lead pages by testing and iterating.

General Assembly — Washington D.C

Web Development Immersive Course | May 2016 — Aug 2016

- A 12-week course on learning the latest web development skills. Built several applications using variety of libraries and frameworks. A few of the projects are listed below.
- Built social media application using Ruby on Rails with a Postgres database.
- Built job search application using ReactJS, Ruby on Rails, and Github Jobs API.

Clean Energy Experience

ENERCON Services — Germantown, MD

Lead Engineer | April 2014 — May 2016

- Provided engineering services to nuclear power stations in the Northeast and Mid-Atlantic regions of the US.
- Prepared a multitude of modification packages and engineering calculations for plant upgrades.
- Provided over 300k in cost-savings with engineering solutions.

URS Corporation — Monroe, MI

Consulting Engineer | April 2013 — April 2014

- Prepared accident coping strategies at Fermi Nuclear Power Station relating to Post-Fukushima regulatory requirements.
- Provided engineering support: identifying risks, proposing solutions, and planning major on-site modifications.

URS Corporation — Charlotte, NC

Systems Engineer | Nov 2010 — April 2013

- Designed fluid and gas systems for a new nuclear power plant in Mineral, VA.
- Worked closely with Mitsubishi Nuclear Engineering Team during the design process to improve the plant design in accordance with U.S. Standards.

Education

General Assembly — Washington DC

May 2016 — Aug 2016

- Full-time immersive program for full-stack web development

North Carolina State University — Raleigh, NC

Graduated May 2010

Bachelor of Science, Mechanical Engineering

Skills

Programming Languages

Javascript	Ruby
SQL	CSS
HTML	LESS/SASS
C#	

Libraries & Frameworks

AngularJS	Rails
React	Redux
Express	Bootstrap
JQuery	Vue
Handlebars	

Databases

PostSQL	MongoDB
ActiveRecord	NoSQL

Testing, Versioning, & Deployment

Rspec	Jasmine
Selenium	Firebase
Git	Github
Heroku	AWS/S3

CMS

Wordpress	Wix
WooCommerce	

Design

Illustrator Sketch

Language

Burmese

Development Methodologies

Wireframing
User stories
Agile Development
Responsive Design

Misc

AJAX	APIs
Webpack	Gulp
RequireJS	Trello