

RENJU RADHAKRISHNAN

Employment

Clarivate Analytics Junior Software Engineer

Acquisition of Thomson Reuters IP & Science

Philadelphia
Oct 2016 to Current

Thomson Reuters Junior Software Engineer

Mar 2016 to Oct 2016

- Creating web applications with multiple teams for customer facing products, all going into production
- Setting up Docker containers and continuous build integration infrastructure for multiple projects to allow faster deployments and development
- Developing numerous unit tests getting code coverage from 20% to 80% on all JavaScript modules within a large-scale application
- Implemented the front end to a ML system that disambiguates authors with varying pseudonyms, now used by more than 30 internal researcher
- Converted mission critical Ruby on Rails application from unusable to stable and facilitated better environment for further development

Oracle Applications Engineer

Sep 2015 to Mar 2016

- Delivered key data to end users by leveraging an aggregation framework for large data calculations with Oracle relational databases
- Created tree nodes for project portfolio management software, allowing for searching of nested projects
- Implemented RESTful services using Jersey framework and two-way data binding with Jackson library for developer use
- Developed features and fixed bugs across multiple teams to meet the 6-month product release cycle

Thomson Reuters Junior Software Engineer

Philadelphia
Sep 2014 to Sep 2015

- Development work on front end AngularJS applications and widgets across the Thomson Reuters platform
- Implemented the front end to replace an existing Oracle BPM service, allowing for a more efficient workflow for internal users
- Conversion of legacy code and applications to AngularJS, giving a 10 fold increase in page load time

Thomson Reuters Junior Software Engineer

Philadelphia
Sep 2013 to Mar 2014

- Both front and back-end work on software development in Services and Database area
- Metrics and security reporting on all existing code in addition to smoke test implementation

Projects

Advisor Connect

Sep 2016 to Current

- Providing a large pool of PhD Advisors for students to connect with in order to obtain their PhDs.
- Consistently adding data using web crawling with a current data set of over 3,000 advisors
- Using machine learning for text summarization of crawled data for PhD profiles
- Leveraging Amazon Web Services including Route 53, EC2, S3, and Cognito for deployment of application
- CI/CD integration on every push to master branch using Gitlab Runners

Online Checkers

Jun 2016 to Sep 2016

- Created an online Checkers game using NodeJS, AngularJS, and Socket with a team of 3 to allow people around the world to play against each other
- Hosted on a linux server with a continuous integration build server using Docker and deployment through FlightPlanJS

Web Crawler

Jan 2016 to Mar 2016

- Created a concurrent Java web crawler with an interactive menu, page ranking, and robots.txt support for all web pages
- Runs multiple instances of itself along with filtering for specific keywords

Contact

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Education

Drexel University

BSc. Computer Science 2017

Skills

LANGUAGES & FRAMEWORKS

Java

JavaScript (ES6)

AngularJS

NodeJS

ReactJS

Redux

MISC

Git

Docker

Linux

PostgreSQL

Webpack

Babel

Amazon Web Services

Volunteering

Carver Science Fair · Assistant

Awards

Drexel University · Dean's Scholarship

Sep 2012