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**Front End Software Engineer – TruOptik Data Corp** GitHub: <https://github.com/vpenugonda>

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# Professional Summary

* Dedicated and enthusiastic IT Professional with over 4+ Years of experience in Software Development Life Cycle – (SDLC) Analysis, Design, Development, Integration, Testing, Deployment and Production support of software applications in client-server environment and enterprise-level web applications
* Working experience with different methodologies like AGILE Software Development process using SCRUM while Build, Release and Deploy management
* Hands on experience in designing and developing Web based Enterprise applications using Java and J2EE technologies using JSPs, Servlets, EJB, spring, and Hibernate.
* Excellent knowledge on Object Orient Programming concepts (OOPS).
* Understanding of relational database concepts, and experience in query construction using SQL.
* Hands on experience in developing web GUIs by using Spring Framework, HTML5/4, CSS3, JavaScript, React JS, Redux, Angular 4 using Typescript, Angular JS 1.5/1.6, jQuery-based development.
* Extensive use of Node.js, Express.js, and MongoDB to create server-side applications Expert in working with NodeJS server-side application to implement concepts like Event Dispatcher, Express.js
* Strong experience in working with third party webservices and using AJAX for implementing dynamic webpages where the content can be fetched via API calls, using Restful web services
* Experienced in designing of the application using UML (Unified Modeling Language).
* Used JIRA as an issue tracking product management tool to maintain and collaborate on issues and tasks
* Experience on using Gulp implementation and in working with Git, GitLab, Bitbucket repository management tools.
* Collaborates with Product Manager and end-users to create functionalities that align with requirements
* Worked with product and project management, design, business analysis, and QA to deliver high-quality, complete software releases

# Education

## Master's in Software Engineering

Fairfield University September 2015 to May 2017

## Bachelor's in Computer Science Engineering

Nagarjuna University September 2009 to May 2013

# Professional Experience

## Front End Software Engineer

TruOptik Data Corp, Stamford, CT

August 2017 to till date

Roles and Responsibilities:

* Implement and maintain across on all our cloud-based products in OTT Marketing cloud which includes Data Marketplace, Data Management Platform, Measurement, Attribution, Analytics, Cross Audience Screen Validation (CAV)
* Building OTT cloud based products and services by using latest web standards and techniques
* Used AngularJS as framework to create Single Page Applications (SPA) which can bind data to specific   
  views and sync data with servers
* Worked on log-in authentication modules using AngularJS and JavaScript
* Extensively worked on custom directives with Pop-over and Pop-up functionalities with specific requirements matched to the conditions
* Created custom directives and filters using AngularJS built-in $http service from controller through dependency injection.
* Created Angular service and integration with RESTful APIs
* Used AngularJS $http to send GET/POST request to fetch data from server
* Reusable components and services to consume REST API’s using Component based architecture provided by Angular JS
* Designed custom Directives and Services in AngularJS.
* Created AngularJS Directives such as ng-app, ng-controller, ng-model, ng-init, ng-switch, ng-required, ng-checked, and ng-repeat in my module.
* Created AngularJS Events such as ng-change and ng-click.
* Used UI Router to create different hierarchy structure in single page application.
* Working in Client/Server and Web based application Development to increase the performance of the Web Application, optimized the web pages by using Gulp JS task runner
* Used MAPD JS Framework to build interactive dashboards by creating a wide-variety of charts which includes Pie chart, Line charts, Donut charts and Tables.
* Took initiatives to build API Monitoring application using React JS and Redux based development with server rendering using Node JS
* Writing end-to-end testing using Jest, Karma, Jasmine testing frameworks to write test cases
* Working with Linux VMs, Nginx, Tomcat and Apache servers and MySQL DB
* Build the entire product on a component based which consists of Input, Text area, Button, Checkbox, Toggle Component, Multi-Level dropdown component these stand-alone components to reuse in the product
* Implement the Restful web services calls for POST, PUT, DELETE, PATCH and GET methods.
* Wrote unit tests for 100% code coverage using JEST Testing framework
* Introduced a Storybook Application which run parallel to the product to see the component behavior based on their states by using Storybook JS which build on top of React JS Framework.
* Configured the product and build in webpack for npm dependencies
* Involved in code-reviewing sessions and reviewing others code for their pull requests in GitLab
* Used JIRA to keep track of outstanding bugs / developments to increase productivity, improve communication and Bitbucket for Source Control.
* Implement and supporting the enhancement and migrations of products across on our OTT Marketing Cloud platform

## Web Application Developer

Fermat Capital Management, LLC, Westport, CT

March 2017 to May 2017

Roles and Responsibilities:

* Involved in Agile process, monthly sprints, and daily scrums to discuss the design and development of the application
* Designing the front-end applications using web technologies like HTML5, CSS3, Bootstrap, jQuery
* Utilized Angular 2 JS framework to bind HTML5 template(views) to JavaScript object (models)
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 4.0 JS
* Experienced in various aspects of product development on a rotational basis in Front End UI Development,
* Worked on wide variety of CSS concepts like: Bootstrap, media queries, modernizer and Flex-box to develop responsive web pages
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Developed and consumed web services using RESTFUL API to fetch data into UI
* To make web application interactive integrated wide variety of APIs to name few (AG grid, Date picker, Nodemailer, OAuth) which enhance features of the web application
* Responsible for performing unit testing and end-to-end testing using Karma JS, Jasmine JS in Angular/CLI.
* Tested front end code for cross-browser compatibility using Browser Stack and Google Page speed to review the performance across devices
* Used Firebug, chrome developer toolbar, IE Developer Toolbar, for debugging and browser compatibility.
* Managed the project with Gulp task runner and combined with node package manager to install latest JavaScript version of libraries based on running in the Node.js environment
* Used GitHub for source control and JIRA for tracking purposes

## Programmer Analyst

Cognizant Technology Solutions - Hyderabad, IN

April 2014 to August 2015

Roles and Responsibilities:

Product Development: assetSERV

* Module owner of Versioning, the most complex module in need of deep understanding of multiple technologies involved
* Created an interface to versioned the current asset by maintaining the same integrity where AWS is used as a part of development
* Collaborated with a team of three to develop the single sign on integration (SSO) feature for the product clients and as well as end users
* Actively participated in peer review process to provide and receive constructive feedback
* Implemented the UX designs for the client server application using HTML5, CSS3, JavaScript and jQuery
* Exposure to Struts, Spring, Hibernate, and Java Server Faces frameworks
* Developed responsive pages as per security model, gained hands-on in developing multilingual website pages and documented unit test plan
* Experienced in configuring user accounts, groups, and importing users from LDAP
* JIRA for trouble tickets and Confluence for our knowledge base
* Used Firebug for application webpage troubleshooting and Eclipse debugger for the bug fixes.
* Performed product maintenance and end to end validation for every phase release
* Planned and implemented training program to learn Nuxeo tool, a vital component in the assetSERV 5.0 technology stack to ensure smooth migration

## Java Trainee

Talent Sprint – Hyderabad, IN

September 2013 to Mar 2014

Roles and Responsibilities:

* Involved in Analysis, design and coding in J2EE Environment.
* Implemented various design patterns like Factory and Singleton
* Prepared Technical Specifications based on the functional requirements.
* Developed new application and added functionality to existing applications using Java/J2EE technologies
* Participated in designing and developing the presentation web-based client using HTML5, CSS3, JavaScript, AJAX, jQuery, JSP and JSFs, Tag Libraries, and XML
* Designed the front-end for using JSP, AJAX, HTML, Java Script, CSS and customized JSP Tag Libraries. Also did server-side logic development.
* Developed Action classes, Action Forms and Servlets and Involved in writing Multi-Threading Synchronization concepts in Java Programs
* Updated CSS layout to reflect the new changes as per the addition of new components and pages
* Involved in development of Web services (SOAP) using CXF, JAX-WS, WSDL, to send fusion data to different upstream systems
* Wrote SQL queries to retrieve data from the database using JDBC
* Utilized frameworks such as Hibernate and Spring for persistence and application layers
* Create and execute test cases in JUnit for unit testing of application
* Created RESTful APIs for increased scalability of the application

# Academic Works

## Web Developer

Fairfield University, Fairfield, CT

September 2015 to February 2017

Project Name: JUHAN Online, <http://www.juhanonline.org>

* Design, build and manage all elements of a non-profit organization website as JUHAN Online
* Created and published technical diagrams to support coding efforts
* Designed different wireframes, user flows and mockups for proof of concept (POC).
* Develop custom WordPress website utilizing PHP, Bootstrap, HTML5 and CSS3, jQuery
* Designed custom plugins and customized themes in WordPress
* Implemented user friendly site administration, documentation, and guidance to content contributors
* Prepared and updated report templates as per client requirements using Google Analytics
* Handle day-to-day operations including user support, training, troubleshooting, web-site set-up and customization.
* Provide technical demonstrations of emerging technologies, development tools, frameworks, and libraries.
* Manage builds and releases for our proprietary content management system.
* Design and create well-tested, well-documented software solutions utilizing both Front-End and Back-End technologies.
* Modify clients’ A & MX records to point to the correct servers
* Assure website consistency by cross browser & mobile / tablet testing
* Develop custom, responsive email templates for Mail chimp.
* Troubleshoot Page Speed issues using Google Page speed insights.
* Provided production support and service to members including new user registration, account maintenance and troubleshooting website if required.
* Provided user support and trained individuals from various departments in web development and maintenance

# Awards

## Academic Excellence

* <http://news.fairfield.edu/topstories/topstoryheadline,110361,en.html> - Published in Fairfield University IT Magazine
* Recipient of the “assetSERV digital Initiatives – Cognizant 2015” award for contribution to ‘assetSERV DAM’

## Cognizant Certified Trainee

August 2014 to Present

Cognizant Certified Trainee - A Fortune 100 Listed Company.

# Technical Skills

**Programming:** Core Java, J2EE, JSP, Spring, Hibernate, Struts, PL/SQL, HTML5, CSS3, JavaScript

**JavaScript Frameworks:** React JS, Redux, Angular JS 1.5/1.6, Angular 4 / 8 Typescript, Material Angular, Node.js, Bootstrap, jQuery, Sass, Ext JS, Gulp js, Grunt js, jQuery mobile, RxJS, ECMA Script 6.0, Full Stack LAMP, MEAN stack (Mongo DB, Express JS, AngularJS, NodeJS), Web Accessibility

**Databases:** MySQL, Oracle 11i/10g, MS-SQL, MongoDB, Firebase, Postgres SQL

**Cloud:** Amazon Web Services, Microsoft Azure, Digital Ocean, Heroku

**Tools:** Git bash, SVN, Media Beacon, Nuxeo, Atlassian Jira, Open AM, Open IDM, Adobe Photoshop

**Build Tools:** ANT, Maven, Gradle, Web Pack, Gulp, Jenkins, Docker, Harbor

**Web Hosting:** Go Daddy, Rackspace, Name cheap, Cloudflare