

# Venkata Penugonda

## Web Application Developer - Fermat Capital Management, LLC

Connecticut

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(475)619-1098

### Professional Summary

- Dedicated and enthusiastic IT Professional with over 3+ 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 developing web GUIs by using PHP, ASP.NET, Java, MySQL, HTML5/4, CSS3, JavaScript, JQuery development
- Design experience on SQL database design and Development in writing Constraints, Indexes, Views, Stored Procedures, Triggers and User Defined Functions and developed by using MS SQL, MySQL and Experience with Linux based environment
- Have knowledge on RESTful web services
- Experience in working with Software Configuration Management using Team Foundation Server (TFS), Sub Version (SVN) and GitHub

Willing to relocate: Anywhere

Sponsorship required to work in the US

## Work Experience

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### Web Application Developer

Fermat Capital Management, LLC

January 2017 to Present

Project Name: Fermat Web App 2.0

Roles and Responsibilities:

Utilized AngularJS framework to bind HTML template(views) to JavaScript object(models)

- Used node.js for the management on interchange of the data between the servers and the users with the help of web sockets, worked with various building blocks such as models, views, events, routers
- Designed application using AngularJS following Single Page application (SPA) framework, defined routes using ng Route in the main controller, with heavy use of Dependency Injection and Typescript
- Created TypeScript reusable components and services to consume REST API's using Component based architecture provided by Angular 2
- Experienced in various aspects of product development on a rotational basis in Front End UI Development, Entity framework work and ADO.NET development in core ASP.NET Framework, implementing database design, integrating wide variety of java script frameworks
- Created Cross-Browser compatible and standards-compliant CSS-base page layouts and designed table-less layouts using CSS and appropriate HTML tags as per W3C standards.
- Worked on wide variety of CSS concepts like: Bootstrap, media queries, modernizer and Flex-box to develop responsive web pages
- Experienced in implementing SASS as pre-processor for CSS style sheets.

- Created several dynamic graphs using D3.js and Google Charts.
- Used Jasmine and Karma JavaScript testing framework by testing across various scenarios of the Angular JS applications.
- 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.
- Developed and consumed web services using RESTFUL API
- Managed the project with Gulp task runner and combined with Web pack package manager to install JavaScript latest version of libraries based on running in the Node.js environment
- Provided in-depth documentation for installing, configuring the development and wrote unit tests for the front-end platform in wiki
- Used GIT for source control and JIRA for tracking purposes

Environment: HTML5, CSS3, Bootstrap, PHP, SASS, Angular2 using Typescript, GitHub, GitLab, Firebase, Nodemailer, OAuth2, Web Storm IDE, Jira, Gulp, Consuming Open Source Web services

## **Web Developer**

Fairfield University

September 2015 to December 2016

Project Name: JUHAN Online

- Design, build and publish all elements of juhanonline.org
- Created and published technical diagram to support coding efforts
- Planned and implemented all the enhancements suggested by the client as part of post implementation support
- Develop custom WordPress website utilizing PHP, Bootstrap, HTML and CSS
- Designed custom plugins and customized themes in WordPress
- Implemented user friendly site administration, documentation, and guidance to content contributors
- Integrated new features into existing applications single sign on feature clef plugin
- Prepared and updated report templates as per client requirements using Google Analytics
- Create, transfer and launch websites in a LAMP environment
- 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.
- 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 basic web development and maintenance.
- Highly adaptable; manage multiple priorities in a rapidly changing environment.

Environment: HTML, CSS, Bootstrap, WordPress, JavaScript, GoDaddy, FileZilla FTP, Adobe Photoshop, Google Analytics

Software Developer

Project Name: Financial Aid Application System

- Involved in gathering requirements for a new web based scholarship application processing system
- Coordinated with Vice-President and Director of academic affairs to gather business requirements
- Planned and implemented all the requirements and deployed the web application into Fairfield U portal
- Developed and design whole application processing system for the users and administrators to track their online requests
- Actively participated in peer review process to provide and receive constructive feedback

Environment: HTML, CSS, JavaScript, Bootstrap, Terminal Four Site Management

## Programmer Analyst

Cognizant Technology Solutions - Hyderabad, ANDHRA PRADESH, IN

June 2013 to August 2015

Project Name: 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

Environment: JEE, JSP, Spring, Hibernate, MySQL, Amazon Web Services, HTML, CSS, Bootstrap, JavaScript, JQuery, Jira, Media Beacon, Nuxeo, Apache Tomcat, Eclipse IDE, Tortoise SVN

## Education

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### 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

## Skills

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Javascript (3 years), HTML 5 (3 years), Java (3 years), CSS (3 years), Asp.Net (2 years), Agile (2 years), Web Development (4 years), PHP (3 years), Software Development (3 years), Angular (2 years), Typescript (2 years), Angular 2 (1 year), Angular 4 (1 year), React JS (1 year), Gulp (1 year), Bootstrap (3 years), Java (4 years), Spring (2 years), AWS (2 years), Perl (1 year), Pytho (1 year), Wordpress (3 years)

## Links

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<https://www.linkedin.com/in/pvsiddhartha>

## Awards

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### Academic Excellence

December 2015

<http://news.fairfield.edu/topstories/topstoryheadline,110361,en.html>

- Published in Fairfield University IT Magazine

## Certifications/Licenses

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### Cognizant Certified Trainee

August 2014 to Present

Cognizant Certified Trainee - A Fortune 250 Listed Company

### Talent Sprint Java

August 2013 to Present

Talent Sprint - An Independent non-profit organization certifies for excellence in CoreJava Programming

## Patents

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### Pagination with Angular (#GNU Public License)

<http://pagination.pvsiddhartha.me>

March 2016

Independent software development using Angular 1.6 Framework to build dynamic pagination for Data tables.

Environment: MySQL, PHP, ANgular, JQuery, bootstrap, HTML5, CSS3

## Additional Information

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Programming Core Java, C#, ASP.NET, JSP, PHP, PL/SQL, HTML5, CSS3, JavaScript, XML, AJAX, JSON, XSL, XHTML

Databases Oracle, MSSQL, MySQL, MongoDB, Firebase

API/Frameworks Java Enterprise Edition, Spring, OSGI, REST, SOAP, Google OAuth, Consuming Web Services

Web Frameworks Bootstrap, JQuery, Sass, Angular JS 1.5/1.6, Angular 4 using TypeScript, React JS, Ext JS, Gulp js, Grunt js, Node.js, JQuery mobile, RxJS, ECMA Script 6.0, Full Stack LAMP

Content Management Systems WordPress, Joomla, Drupal, Wix, Weebly, Shopify, Terminal Four

Cloud Amazon web services, Microsoft Azure

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

Build Tools ANT, Maven, Gradle, Web pack

IDE Eclipse, Visual Studio, Jet brains web storm, Cloud Code Ace, Android studio, Visual Paradigm, Star UML

Web Hosting Digital Ocean, Heroku, Linode, GoDaddy, Rackspace

Operating Systems Windows 10/7, Unix, MacOS, CentOS, RHEL