

**Prashanth Nandamuri**  
<https://prashanthnandamuri.wordpress.com/>

9756 Fields Rd,  
Gaithersburg, MD – 20878

Mobile: +1 860-906-6437  
Email: [prashanth.nandamuri@gmail.com](mailto:prashanth.nandamuri@gmail.com)

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## **Objective:**

Seeking a challenging opportunity in software development which would help me apply my technical skills, thereby advancing my career.

## **Professional Experience:**

**Turning Point Global Solutions, Rockville, MD**  
**Software Programmer**

**September 2016 - Present**

### **Description**

Worked on National Plan and Provider Enumeration System (NPPES) redesign to convert the existing application into a Single Page Application which is completely responsive.

Worked on creating a prototype for EIDM (Enterprise Identity Management System) in Angular 2.

Worked on prototype for Provider Information Directory in Angular 8.

Received FedHealthIT Innovation Award Winner for 2018.

URL: <https://nppes.cms.hhs.gov/#/>

### **Responsibilities**

- Created all HTML files required for the project in accordance with the prototype.
- Achieved the Single Page Application structure by using routing in Angular.js.
- Used Bootstrap and CSS to make the website completely responsive.
- Created multiple services which are used all over the application to reduce code duplication and support data encapsulation.
- Made AJAX requests to the backend to retrieve the data from database and send it back in JSON format.
- Worked on “ui-grids” extensively to support 508 users. (Added support for keypress events in headers)
- Created custom directives to display error messages all over the applications and also for grid events.
- Made use of factories to enable data sharing in multiple controllers.
- Used Angular.js “ui-mask” attribute to provide patterns for fields like phone numbers, dates, SSN, ITIN and others.
- Used Angular.js filters to display data in required format.
- Used “uibModal” service to display pop-up modals in angular way with bootstrap format.
- Worked with JAWS screen reader to test the application for 508 user compatibility.
- Tested the application for cross-browser compatibility.
- Worked on carousel design to automatically stop the movement when a video is being played.
- Used Grunt to minify HTML, JavaScript, and CSS files.
- Worked on ZAP reports to test web security issues.
- Created templates, directives and components in Angular.
- Worked on RouterModule in Angular.
- Worked on pipes to format the data while displaying.
- Worked on Structural Directives in Angular.

## **Technical Proficiencies:**

Client-side Technologies:	HTML5, CSS3, JavaScript, XML, AJAX, JSON.
Programming:	Python, Java.
Frameworks/ Libraries:	Bootstrap, jQuery, Angular.js, Angular, Less.
Task Runner:	Grunt.
Databases:	MySQL, SQL server, SQLite3.
Architectures:	REST, MVC.
Version Control:	Git, GitHub, SVN.
Techniques/ Standards:	Software Engineering, Object Oriented Design.
Tools:	OWASP ZAP, Burp
Web Concepts:	Responsive Web Design, Browser Compatibility, 508 compliance.

## **Projects:**

- Created a forum based website for computer science department as under-graduation project – PHP, HTML5, MySQL, JavaScript, CSS.
  - The website has options for uploading and viewing the lectures (video/pdf files) presented for the courses.
  - Students and lecturers can discuss in a forum provided with the website.
  - <https://github.com/Prashanth-Nandamuri/CLE>
- Developed an *Authorization Message Classifier* application for Kaarma Tech. as a part of Advanced Software Engineering course work. – PHP, MySQL, Java, Weka tool.
  - This tool is used to automatically find the authorization message in a conversation.
  - This data is later used by Kaarma tech. to assess the average time taken to authorize each task.
- Developed a simple blog using Node.js and Express.js using HTML, CSS, JavaScript, JQuery, SQLite3.
  - [https://github.com/Prashanth-Nandamuri/nodejs\\_blog.git](https://github.com/Prashanth-Nandamuri/nodejs_blog.git)
- Created a Single Page YouTube search application using API. – HTML5, CSS3, Bootstrap, JavaScript, JQuery
  - This website is a Single Page Application (SPA).
  - The search function makes use of YouTube API key.
  - <https://github.com/Prashanth-Nandamuri/YoutubeSearch>
- Created a website for Beauty Parlor using Angular.js, Bootstrap, JavaScript, HTML5, CSS3, JSON.
  - This is a single page application which makes use of Route Providers in Angular.js.
  - The website is completely responsive.
  - The data that is loaded is in the form of JSON.
  - <https://github.com/Prashanth-Nandamuri/parlour>
- Created prototype for an independent Property Management application using Angular, Bootstrap, JavaScript, HTML5, CSS3, JSON.

## **Academic Qualification:**

California State University Long Beach, Long Beach, CA  
Master's in Computer Science, GPA: 3.6  
Courses Completed

May 2016

- Advanced Analysis of Algorithms
- Advanced Software Engineering
- Advanced Operating Systems
- Object Oriented Analysis and Design

- Fault Tolerant Computing Systems
- Distributed Computing Systems
- Linear System Analysis
- Database Architecture
- Memory Design and Implementation
- Mobile Applications

**Jawaharlal Nehru Institute of Technological Sciences, Hyderabad, Telangana, India**  
Bachelor of Technology in Computer Science & Engineering, GPA: 3.5

May 2014