

# NITHISH PEDDI

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## SUMMARY

- 8+ years of professional experience as a Web Developer with solid understanding in designing and developing Web applications using HTML, CSS/SCSS, jQuery, JavaScript, TypeScript, SASS, AJAX, Angular.js, Angular2 to Angular 19 and Node.js.
- Led front end development for large-scale applications, delivering responsive, secure, scalable user-friendly interfaces for Health and banking applications.
- Experienced in developing single-page applications (SPAs) using styling Frameworks like Bootstrap3/4/5, Angular Material, Bulma, Prime-NG and skilled in using Chart libraries for the representation of the data using D3.js, Chart.js and High Charts.
- Experienced in applying the latest development approaches including MVC framework, event-driven applications using AJAX, Object Oriented (OO) JavaScript (ES5, ES6, ES7, ES8, ES9), Typescript features.
- I have experience in coding practices like Functional Specification, code walk through, coding standards, code reviews, ADA Compliances, W3Standards, Debugging, Troubleshooting.
- Have experience with Cloud Platforms like PCF, AZURE, OpenShift deployments and maintenance.
- Leveraged GitHub co-pilot to accelerate development tasks by generating boiler plate code for components and API integrations to reduce the code time.
- Integrated Angular front-ends with Java Spring Boot REST APIs, handling data fetching, pagination and real-time updates for task management and analytics dashboard.
- Understanding of source code management tools such as Git (Source tree) & workflows associated with them.
- Actively involved in all phases of Software Development Life Cycle (SDLC) - Requirement Gathering, Design, Development, Testing, Implementation and Maintenance.

## TECHNICAL SKILL SET

Web Technologies	HTML5, CSS3, Flex, Grid, JQUERY, AJAX, DOM, Angular, XHTML, Node JS, D3.js, Tailwind, Chart.js, High Charts, Mermaid Js, Bootstrap 4/5, Prime NG, Angular material, AG Grid.
Programing Languages	JavaScript, TypeScript, Java, Python.
IDE/UX Tools	Notepad++, Web Storm, Visual Studio Code, IntelliJ IDEA, Eclipse,
Database	My SQL, SQL Server, Mongo DB.
Build Tools	Webpack, ESbuild, Vite, Angular CLI
Back-end Integration tools	REST API, GraphQL, Web Sockets (SSE), Postman, Swagger, JSON, XML
CI/CD & Version Control	Git, GitHub Co-pilot, Jenkins, SonarQube, Qualys Scan, Lightspeed, Docker
Cloud Technologies	PCF, Azure, NGINX, OpenShift
Testing Tools	Selenium, Jasmine, Karma, Jest.

## PROFESSIONAL EXPERIENCE

Software Developer  
Citi Group

Aug'20– Present  
Irving, Texas

### Responsibilities:

- Led the design and development of enterprise-grade **Angular** applications integrated with **Java** and **Python** microservices.
- Worked on gathering requirements from business and data scientists.
- Coordinated with UX team for implementation of the modern and rich user interface by following organization standards.
- Integrated with two angular applications through centralized **SSO integration** enabling seamless user access and consistent data model synchronization between the two applications and implemented desktop SSO for another application.
- Utilized GitHub Co-pilot to accelerate code development, improve code quality and reduce repetitive coding tasks.
- Architected and maintained real time dashboards leveraging **RxJS**, **Signals** and **WebSocket** enhancing data refresh rates and improving responsiveness in terms of performance.

- Integrated **GraphQL** APIs to optimize data queries, cutting network payload size and improving response times.
- Implemented data **lineage visualization** to represent many jobs and its dependencies to display the data pipeline configuration and its executions using **Mermaid JS** and **GO JS** libraries.
- Implemented **Schema Browser** (E-R Diagram) to visualize relationships between databases, tables and columns.
- Led Angular upgrade activities to migrate legacy project to latest framework's version adapting standalone components and improving build performance.
- Displayed Chart data using **highcharts**, **PrimeNG** and **d3js**. Helped the user to analyze the business statistics.
- Collaborated with cross functional teams in an **Agile/Scrum** environment ensuring timely delivery of high-quality releases. Used **JIRA** to track the User stories and defects.
- Used the tables like **AgGrid** for the users to see the large volume of data with Pagination, Sorting, Filtering and Searching.
- Led the transition of CI/CD processes from **Jenkins** to **Lightspeed** achieving faster builds, streamlined deployments.
- Responsible for deployment of the application in **PCF and OpenShift** by configuring the docker and Jenkins files.
- Designed and consumed **RESTful** APIs, delivering secure and efficient client-server communication.
- Participated in Architect design and technical solutions meetings and involved in complex technical design decisions.

**Web Application Developer**  
**Omnicare (CVS)**

**Nov'17 – Jul'20**  
**Cincinnati, Ohio**

**Responsibilities:**

- Worked on Design and Development of Angular 5 Single Page Applications (Health Domain).
- Worked on writing angular 5 components/Directives interacting with RESTful services developed using **Spring Boot** application.
- Implemented the Central Login **Authentication and Authorization** for multiple applications, having common landing page.
- Worked on Implementation of Token based SSO (Single Sign On).
- Used Bootstrap 4, Ngx-bootstrap, ng bootstrap and flex for responsive design and other third-party libraries like date-picker, pdf maker, toaster, Ngx-spinner for showing loading sign.
- Developed reusable components/libraries to be hosted in private repository within CVS health network and reused it in multiple projects like Customer Service and Front End.
- Used TFS (Team Foundation Server) to track the User Stories and Defects.
- Used the **Ng2 Smart Table** for the users to see the large volume of data with Pagination, Sorting, Filtering and Searching.
- Socket Programming in Angular 5 is implemented for Pill Image Verification.
- Followed the Agile Methodology for Software Life Cycle Management.
- For Data Visualization, we used chart Libraries like **d3.js** and other open-source libraries.
- Integrated the data from various backend services like **TIBCO, Java and External Application**.
- Documenting the project builds and code for the developers to understand and contribute.

**Web Developer**  
**Microsoft**

**May'17 – Nov' 17**  
**Redmond, WA**

**Responsibilities:**

- Worked with UX Design Teams for prototyping UI deliverables, such as **wireframes**, flowcharts, screen mock-ups, and interface design specifications.
- Created a Login based on User Roles, that will be Authenticated via **Azure Active Directory** (policies) and Authorized via Users Security Group.
- Implemented **complex data** in a single page by showing the Projects, milestone, phases, devices and accessories with **multiple cascading Accordions**.
- Secured the Application by Preventing it from Cross-site Scripting Attacks (XSS).
- User request was implemented in **multiple grids** where Tester Can Request the number units required for the configuration.
- Implemented Angular 2 concepts: **Interpolation**, **Life Cycle Hooks**, Router Outlet, binding the click event, Component decorator and binding to the hidden property.
- Implemented the **Routing** in application for different users based on their User Roles.
- Used **Karma** for Unit testing and Jasmine framework to enhance the test script.
- Consistently delivered results within estimated time in **agile development** Environment.
- Involved in code Reviews using **TFS tool** and effectively Sent/Received comments and improved code quality.
- Used **JSON** for information storage and transfer between browsers and servers.
- Involved in implementing **MVC** design pattern using Angular 2 and using Webpack as Module Loader to load the application.

- Created Typescript reusable **components** and **services** to consume REST API's using Component based architecture provided.

**Software Engineer Intern**  
Positronic IO LLC

**Jan '17– May'17**  
**Chesterfield, MO**

**Responsibilities:**

- Responsible for the implementation of Web Design based on **CSS3, HTML5, JavaScript, AngularJS** Framework.
- Used **Bootstrap** library to quickly build project UI and AngularJS framework to associate **HTML** elements to models.
- Responsible for translating designs and concepts into highly usable and engaging web applications using various technologies.
- Worked with **QA team** on daily basis in fixing the reported **bugs/defects** and checking cross platform compatibility.
- Used Data Tables, a table plugin for **jQuery**, to display the data in tables along with pagination.
- Successfully performed the **RESTful API's** Integration using **XML** and **JSON**.
- Modified widgets and plugins to stream live data from social networking sites.
- Wrote Jasmine unit tests using Karma to verify Angular JS modules and JavaScript utility routines.
- Conducted full functional tests, link tests and the browser compatibility tests for the websites.
- Developed custom directive factories and services in Angular JS.
- Generated reports that summarized the **Traffic Flow, Performance, Service Time** and **crash reports** of the websites.
- Worked on debugging **JavaScript** and **html** code with **Firefox, Chrome and IE**.

**Jr. UI Developer**  
Inforica Pvt. Ltd.

**Jun'14 – Nov '15**  
**Hyderabad, India**

**Responsibilities:**

- Coordinated with UX designers to implement mockups and the layouts of the application and responsible for design and development of webpages using **AJAX** controls and **XML**
- Developed web pages with functionalities like login, register, forget password, Email, Filters using **JavaScript, jQuery** and **HTML**.
- Designed, developed and updated User Interface Web Forms using **CSS, Dreamweaver** and **JavaScript**.
- Coordinated with **BA** group for better understanding of functional requirements, analyzed and designed the business requirements to be documented and implemented.
- Used **JavaScript** to update a portion of a web page thus reducing bandwidth usage and load time in web pages to get user input and requests.
- Used Cascading Style Sheet (**CSS**) in web pages to separate presentation from structure.
- Implemented Accordions, Dropdowns, Pop up Screens using jQuery and other 3<sup>rd</sup> Party Libraries upon user request.
- Learned to Understand the **Document Object Model (DOM)** and Web Standards.
- Involved In writing **SQL** Queries and fixed bugs and provided support services for the application.

**EDUCATION**

**Master of science in computer science**  
University of Central Missouri, MO, USA

**GPA: 3.83 /4**  
**Jan 16 – May 17**

**Bachelor of Technology in computer science**  
Jawaharlal Nehru Technological University, India

**GPA: 3.50 /4**  
**July'10 – May'14**