Praveen Kumar R.

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Donut chart: YEARS 10+, 1+, 3+, 5+ — HCL, CATERPILLAR, NIELSENIQ

Career Objective

Seeking a position in the software development to utilize my technical skills and to work with commitment and passion towards excellence
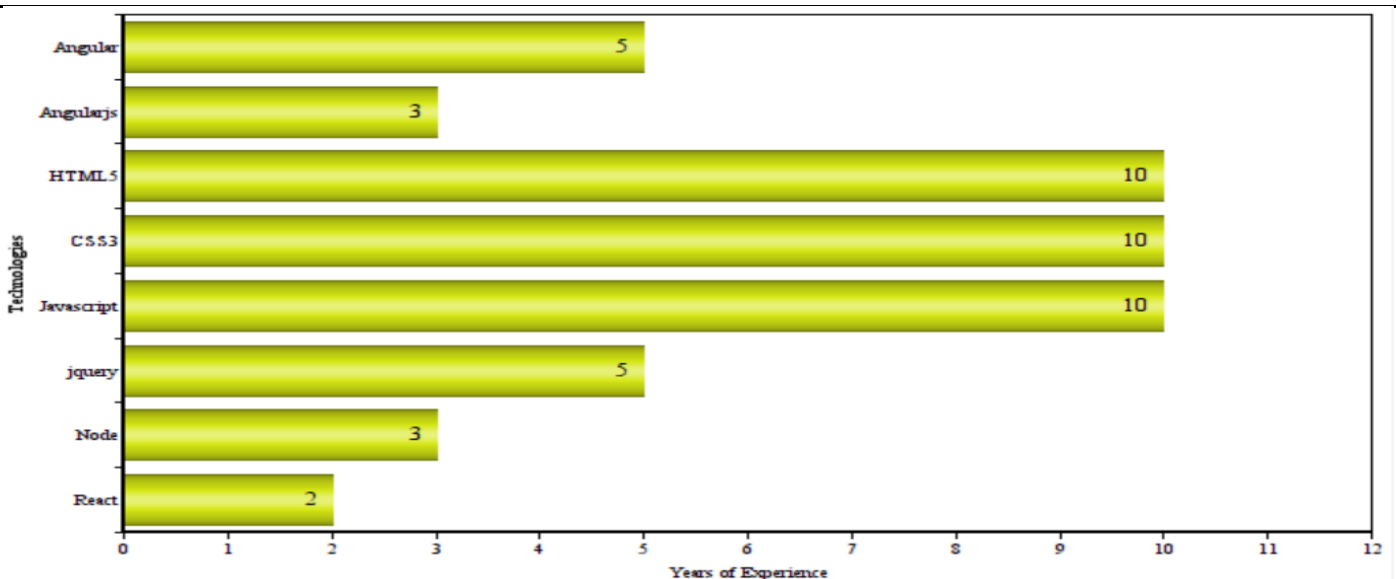
Professional Profile

Engineer, Caterpillar, Chennai, India

- Having **total experience of 10+ years with onsite experience of 1.5 years in USA**.

- Worked as a **full stack (node) developer** for multiple web applications.

- Played a key member role in Requirement Clarification, Impact Analysis, Design, Coding, Code Review, Unit Testing, End-to-End testing, and support system testing

- Developed UI architecture for multiple web Applications. Developed web components that can be used across angular applications

- Conducted usability reviews of applications and recommended improvements.

- Developed two HTML 5 application for HSN(HCL) which can run in any smart TV, browser, I pad and two web applications for HCL finance & training department .Worked in Microsoft Azure cloud platform.

Skills & Expertise

- Strong development skills in, HTML5, CSS3, Angular JS, Angular , Node, Object Oriented JavaScript, JQuery.

- Expert in debugging and in improvement of website performance.

- Provided End to End environmental setup, technical architecture, and designs as part of application development

- Experience in all facets of Software Development Life Cycle (SDLC)

- Understand change requirements in business and propose flexible solutions

Technical Proficiencies

Bar chart — Technologies vs Years of Experience:
- Angular: 5
- Angularjs: 3
- HTML5: 10
- CSS3: 10
- Javascript: 10
- jquery: 5
- Node: 3
- React: 2

Educational Qualification

Bachelor of Engineering (Electronics & communication)   **First class with distinction (80%)**
Jerusalem Engineering College, Anna University, Chennai

- Consistent performer in academics

Career Achievements

- Received Best Performer award in HCL and Caterpillar.

- Improved website performance to meet 5seconds SLA for page load.

- Successfully developed and delivered Home Shopping Network (HSN) HTML5 application, available live in Panasonic US 2013 model

- Had opportunity to work in USA involved in requirement gathering and providing technical solutions for various dealer facing problems

- Developed multiple Web components in reusable manner that can be used across any applications

- **Successful in migration from Backbone to Angular in short span of time** for one of the Caterpillar's product website.

- Individually worked in setting up continuous integration process including static UI code analyzer, Unit testing for all deployments in multiple platforms like Jenkins and visual studio.

- Successful in developing solution for live streaming of data into web application using HTML5 Web sockets.

Project Details

PROJECT #1:   NIELSEN

Title	:	Shopper Explorer
Client	:	N/A
Team size	:	15
Environment	:	Angular 10, Java, Azure, HTML5, CSS3, JavaScript

Description:

   Shopper explorer is used to generate reports visualizing the status of product sales based on location, duration…etc. This portal provides various data visualizations having different kinds of chart and table. Currently this portal is used by multiple clients like Proctor Gamble, Tyson etc. Data visualization can be exported as excel and PPT for sharing the reports visual.

Responsibilities:
- Designed and developed this application in Angular 5.
- E2E automation testing using protractor.
- Migrated this application to latest Angular 10.
- Code reviewing and proving technical solutions for other developer queries.
- Designed and implemented CI/CD process involving DOCKER and Jenkins.
- Increased website performance by reducing the page load time.

PROJECT #2:   CATERPILLAR

Title	:	eRoutes
Client	:	N/A
Team size	:	15
Environment	:	Node ,Angular 5, Redux, NX, HTML5, CSS3, JavaScript

Description:

eRoutes is a process monitoring solution that facilitates the smooth, steady delivery of material from the plant to the paver. eRoutes is a web application that allows paving contractors to track the location and productivity of haul trucks as they travel between plant and jobsite. Beyond location tracking, the geofencing functionality eliminates the hassle of paper ticket, logging them electronically instead. eRoutes also promises to give contractors a view of how productive truck drivers are being.

Responsibilities:

- Designed and developed this application in Angular 5.
- Developed **Node API** for processing Data, used **Passport** for user authentication
- Responsible for developing this full stack application running in **express node server**
- Implemented **NGRX Store full database structure** to maintain the data in UI
- NX framework has been used for development that helps in developing multiple apps in mono repository.

PROJECT #3:   CATERPILLAR

Title	:	Dealer Services Portal
Client	:	N/A
Team size	:	15
Environment	:	Node, HTML5, CSS3, AngularJS, Javascript

Description:

Dealer Service Portal is an application for dealers and customers that enable them to subscribe the assets which is been mapped to multiple applications. This portal provides billing related information to the users for subscribed assets. Dealers can check connection for the asset from DSP. User administration feature in this portal allows user access for multiple application through this portal.

Responsibilities:

- Designed the UI Architecture and developed this application in Angular JS framework running on **express Node**.
- Code reviewing and proving technical solutions for other developer queries.
- Implemented unit testing using Jasmine and Karma.
- Develop componentized UI architecture providing UI elements for entire applications.
- Developed this application in responsive manner that fits the application till IPAD resolution
- Fitting application requirements into the UI capabilities of the framework and the acceptance criteria of the application provider
- Responsible for deployment and product releases
- Developed this application in a very short period.

PROJECT #4:   CATERPILLAR

Title	:	Telematics Product Link Web
Team size	:	15
Environment	:	HTML5, CSS3, jQuery, Backbone, Handlebar

Description:

Product Link Web is an application for dealers, customers and administrators that enable them to monitor remotely the status of various equipment parameters. This application helps in getting alerts to the users if any fault code occurs or any equipment crosses the geo boundary of the site. Live streaming of data is available on this web application, which helps dealers to monitor the data round the clock from any location.

Responsibilities:

- Designed and developed this application in MVC Backbone framework.
- Maintaining the application responsive for several resolutions.
- Independent handling of change request and getting sign off.
- Migrated the entire product from Backbone to Angular JS

PROJECT #5:   HCL

Title	:	HSN-HTML5-App
Client	:	HSN (Home shopping network)
Team size	:	3
Environment	:	HTML5, jQuery, JavaScript

Description:

Home Shopping Network (HSN) is a SMART TV Application built for various Environments. This Application provides shopping experience to the end Users through SMART TV. HSN provides various ways for the consumers to shop at ease. One of the key ways is the "HTML5 App" where consumers can place orders from different TVs, which support HTML 5.0.

Responsibilities:

- Development of over the top shopping application for Verizon, Samsung, Panasonic TVs
- Integration of code, testing and system testing the shopping application
- Interaction with customer on daily basis for updating status and requirement clarification

Personal Details

- Date of Birth: 13-08-1989
- Languages known: English, Tamil, Telugu
- Gender: Male

Place: Chennai   Authentically
Date: (R. Praveen Kumar)