

Anvesh Yarlagadda

Anvesh.javaui@gmail.com || 925-549-4236 || <https://www.linkedin.com/in/anveshyarlagadda/>

PROFESSIONAL SUMMARY:

- Around **13 Years** of extensive experience as a **Software Development Engineer**.
- Proficient in building Web User Interface (UI) using **HTML/HTML5, DHTML, XHTML, CSS/CSS3 (SASS) Tailwind and JavaScript, Typescript, JAVA, AJAX, REST API's and JSON** that follows **W3C** Web Standards and are browser compatible.
- Experience working with Major JavaScript MVC frameworks like **React, Next.Js, Angular, Vue.js and Redux**.
- Gained solid expertise in the past few years on Backend working on **.Net Framework, Visual studio.net, Python, Django, tRPC, GraphQL, PHP/Node.Js and Databases like MongoDB and MySQL**.
- Experience in Cross-Platform Mobile Development using **React Native + TypeScript** based mobile app.
- Experience with **Next.Js** for dynamic web applications that load quickly, improve user experience, and enhance search engine visibility.
- Solid experience with **Micro front end arch, Responsive Web Design (RWD), Document Object Model (DOM)** and **DOM Functions**.
- Well versed in using logging tools like **NewRelic, Splunk and App Dynamics**
- Expertise in using source code control systems such as **GIT, Github, and SVN**.
- Expertise in getting Unit tests using **AIQ, Cypress, Jasmine, Karma, Mocha, Chai** and **Test-Driven Development**.
- Experience working with testing tools like **Firebug, Firebug Lite, Chrome web inspectors and IE Developer Toolbar**.
- Expertise with **Jenkins, Moonbean and othe CI/CD pipelines** and their integrations.
- Familiar with **Cross Browser Testing and Debugging**. Well positions on fixing/implementing **A11y and L10n**.
- Knowledge of **AWS S3, DynamoDB, and API Gateway**.
- Excellent **analytical, problem solving and communication skills** with capability to **handle new technologies**.
- **Passion and a love of what I do!**

TECHNICAL SKILLS:

Web Technologies	HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, AJAX, JQuery, JSON, Java
JavaScript Libraries/Frameworks	Next Js, React JS, Typescript, Node JS, Redux, RXJs, Angular 12, 16,17, tRPC, GraphQL,Figma, EXT.js, Vue.js
IDE & Tools	Eclipse, Aptana Studio, WebStorm, Notepad++, SublimeText, IntelliJ.
Version Control	Perforce, CVS, SVN (tortoisesvn), GIT
Debugging Tools	Firebug, Chrome Developer toolbar, IE Developer Toolbar, React dev tools
Operating System	Windows 98/2000/XP/Vista/7/8, MAC OS X
Development Tools	Adobe Photoshop CS5, Google Adwords, Yahoo Search Marketing
Others	Python, Go, Dot net(.net), Looker Studio, Looker, LookML
Wire Frame Tools	Adobe Illustrator CS3 (basic idea on wire frame and visual design), Adobe XD
Database	PL/SQL (oracle), MySQL, MSSQL, Mongo, Postgres, Parse
Operating System	Windows 98/2000/XP/Vista/7/8, MAC OS X, Linux/UNIX
DevOps Tools	Docker, Amazon Web Services (EC2, EBS, EKS), Jenkins, Kubernetes

PROFESSIONAL EXPERIENCE:

ADOBE INC

Jun 2019 –Till Date

San Jose, CA

Role: Software Development Engineer

Responsibilities:

- Executed, lead and contributed to **full-stack web development** projects, with an emphasis on front end features, browser manipulation, and cross-browser compatibility.
- Used various technology stack like **React, Redux, NextJS, HTML/HTML5, Javascript, Typescript, ES6, Vue.js, Tailwind, GraphQL, NodeJS, Websockets, Redis PUB-SUB, MongoDB, Babel, Express, tRPC.**
- **Developed scalable web applications using TypeScript and React**, enhancing code maintainability and reducing runtime errors through strong typing and interface-driven design.
- **Developed responsive and dynamic web interfaces using React.js**, enhancing user experience across desktop and mobile platforms.
- **Created and maintained shared TypeScript utility libraries** across micro frontends, promoting consistent type usage and reducing duplication.
- Expertise with **Next.js** framework to build SSR React applications, creating fast and SEO-friendly web experiences.
- **Designed and implemented Micro Frontend Architecture** to enable independent deployment and scaling of UI modules, improving development velocity and reducing cross-team dependencies by 30%.
- **Architected and developed Micro Frontends using React and Webpack Module Federation**, enabling autonomous team deployments, code reuse across applications, and faster release cycles.
- Implemented state management using **Redux Toolkit** for scalable and maintainable React applications.
- Experience with **RTK-Query for data fetching and caching.**
- Created Product prototypes using **Figma and Atomic.**
- Designed and developed web pages using **ASP.NET, C .NET, JSON, HTML.** Effectively handled **ASP.NET client / server-side** state management.
- Developed, tested, and maintained scalable Java applications using **Java SE** and **Java EE** frameworks.
- Implemented **multithreading** and **concurrency** concepts to optimize application performance and handle high-volume transactions.
- Experience in working with databases like **MongoDB, MySQL and Cassandra.** Extensively implemented **AIQ Tests** for E2E and **Cypress** tests for Unit testing. Experience with **tRPC with creating fully type-safe APIs using TypeScript**
- Experience in using various **Amazon Web Services (AWS)** components like EC2 for virtual servers, S3 for storing objects, Elastic Beanstalk, Elastic Cache and Dynamo DB for storing data.
- Hands on experience **with Looker, LookML and Looker Studio for business intelligence and data visualization.**
- integrated **Looker** dashboards directly into web applications, enabling in-app analytics and custom visualizations for users. created reusable, scalable, and version-controlled data models using **LookML.**
- embedded **Looker dashboards** into web apps using the Looker API.
- **Built reusable components with React Hooks and Context API**, improving code modularity and maintainability.
- Experience with Configuration of **AWS cloud services** such as **EC2, S3, and RDS**
- A user provision script developed using **Nodejs** which includes fetching files from SFTP server and creating users in ldap and database using rest api calls.
- Good knowledge on working with Apollo client to interact with **GraphQL** server.

- **Environment:** ReactJS, React Native, Javascript, Typescript, JSON, Ajax, EXT.js, HTML5, DHTML, CSS3, SASS, Java, NodeJs, Agile methodology, Figma, Require, Head, Eclipse (Backend Dev), Highcharts, Python, Vue.js, Webstorm (UI Dev), MySQL, Spring boot, Apache Tomcat, Kubernetes, GraphQL, Looker, LookML, Looker Studio.

GENERAL ELECTRIC

Nov-2016–Jun-2019

GE Healthcare & Digital, 2623 Camino Ramon, San Ramon CA 94583.

Role: Software Development Engineer

Responsibilities:

- Executed and contributed to full-stack web development projects, with an emphasis on front end features, browser manipulation, and cross-browser compatibility.
- Developed Various Dashboard and Widgets using frameworks like **Angular, RXJS, NGRX, Vue.js, Play Framework and HTML/HTML5, SASS CSS/CSS3, Ajax, JSON.**
- **Led the migration of a large JavaScript codebase to TypeScript**, improving developer productivity and catching potential bugs at compile time.
- **Implemented advanced TypeScript features** including generics, union types, and custom type guards to build robust, reusable components and APIs.
- Used **Polymer's data binding** to create **dynamic interfaces** that interact with backend services, improving user experience and application responsiveness.
- Developed cross-browser compatible web components that functioned consistently across major browsers (Chrome, Firefox, Safari, Edge), utilizing **Polymer's polyfills** and progressive enhancement strategies.
- Designed, developed, and deployed reusable **custom elements** using **Polymer** framework for web applications, significantly improving code maintainability and reducing development time.
- **Architected scalable frontend systems with React.js and Micro Frontends**, allowing independent team deployments and modular design.
- **Experience with Property and casualty (P&C) domain Ui Interface.**
- Architected and led the development of a microservices-based commerce platform using **Node.js and GraphQL.**
- Handled data from multiple streams to maintain the sequence and their dependencies by using the **RXJS** operators.
- Created **Typescript** reusable components to consume **REST API's** using component-based architecture.
- Interacted with **GraphQL** server by writing mutations and queries by using the Apollo Client.
- Developed cross-browser/platform **with Ext JS 5.x/6.x, JQuery, AJAX and DHTML/CSS** to desired design specs for single page layout using code standards.
- Integrated **third-party services** (e.g., payment gateways, social media APIs) into Polymer-based web components, creating intuitive user flows and seamless integrations.
- Developed Folio search portal using **Python, Django, MongoDB and Elastic search.** Locate information about properties and valuation in public records.
- Developed **Self Service Dashboard** where an end user can go and create user specific widgets and save it to a customized view.
- Used **GIT for version control and Jenkins** for Continuous Integration and Continuous Deployment (CI/CD).
- Have good expertise in using **AWS and Cloud Foundary** for deploying our web application and using backend services.
- Also developed various **reusable and customizable widgets** and package it to **bower** and provide them to various customers.
- Developed **ASP.NET** Core Web API based on departmental requirements and specifications.
- Worked with advanced concepts of **ASP.NET Core MVC** such as **Models, Providers and Filters.**

- Worked Extensively on **Dev Express, D3, Highcharts and Highstocks**, which are the backbone for the widgets we implemented.
- Worked on **Scala and Play framework**, which is used for most of our routing solutions.
- Discussed various **ideas/suggestions for the ongoing web sites regarding the page layout and creative design**.

Environment: AngularJs, React, , Typescript, Javascript, JQuery, JSON, Vue.js, Ajax, HTML5, DHTML, CSS3, SASS, Java, Node Js, Agile methodology, Require, Head, Eclipse (Backend Dev), Highcharts, Play Framework, Webstorm (UI Dev), MySql, Spring boot, Apache Tomcat.

Innovative Intelligent Solutions LLC.

Feb 2012 –Nov 2016

Role: UI developer

42840, Christy St, Suite#108, Fremont, CA 94538

Clients: GE Digital, Monsanto, and Kaybus.

Responsibilities:

- Application Development using **Angular, React, React Native, JQuery, Node JS, HTML5 and LESS CSS**.
- Implemented generating the verification hash code using crypto package on Node.JS.
- Developed the User Interactive web pages in a professional manner with using web technologies like **HTML, XHTML, and CSS** as per company's standards.
- Expertise in designing Event Handling Models such as Listener and Dispatcher in **OO JavaScript**.
- Developed **complex, useable, attractive and cross-browser web interfaces** that account for speed, file size, readability and accessibility.
- Worked on writing **EXT.JS** plugins.
- Developed hybrid mobile platform for automotive applications using **JavaScript and React Native**, resulting in 88% code share between iOS and Android while reducing development time by 33%.
- Refactored error message handling design by implementing React Native alert dialog.
- Developed a custom Node.js framework for internal use, incorporating machine learning capabilities,
- Used deploying applications on Apache Tomcat, Node JS.
- Responsible for adding margin properties to the custom style objects and the alignment of home menus and swipebar iOS-Android native navigation (e.g. **react-native-navigation**).
- Created and maintained the framework and layout of each portal with Cascading Style Sheets (CSS) and used pre-processors like **LESS** across the Application to make the styles **maintainable and extendable**.
- Developed Data insertion forms and validated them using **Javascript**.
- Responsible to manipulate **HTML5, CSS3 and JQuery** as well as making the pages dynamic using **AJAX, JSON**.
- Used **Ajax, JSON** with **JQuery** for request data and response processing.
- Utilized various **jQuery** plugins to build Rich Internet Application (**RIA**) to make it look more intuitive.
- Involved in writing unit tests using **Mocha and Chai** from client side and analysed code coverage using Istanbul.
- Designed the email blasts using Adobe software and then implemented them using **HTML and Java script**.
- Discussed various **ideas/suggestions for the ongoing web sites regarding the page layout and creative design**.
- Used various source code control systems such as **JIRA, GIT and Jenkins**.

Environment: React, OO JavaScript, Angular, JQuery, JSON, Ajax, HTML5, Node JS, DHTML, CSS3, Java, Agile methodology, IntelliJ, Usability Testing.

Education: Master's in computer science 2012 from Lamar University, Texas.