**DANIAL LOKMAN**

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# OBJECTIVE

# To obtain an Angular Architect/Lead/Senior Developer opening utilizing Angular 15-19 with Typescript on the front-end

# SUMMARY

* Senior UI Developer with 12 years of experience. Expertise lies in front-end technologies
* Experience leading onshore and offshore teams remotely to deliver an Angular based application
* Successfully lead and migrated an AngularJS 1.5, Bootstrap, Javascript website to a NX, Angular 15, Tailwind & Typescript website
* Played a crucial role in helping Concept Selection project **win** the prestigious **Digi-Dev Award** at Shell in Dec 2019
* Strong **Angular 15 and Typescript** Developer with ability to setup and architect Angular projects from the ground up
* Delivered **9 enterprise projects** as a Senior Developer/Lead during the last 7 years utilizing **Angular**
* Familiar with back-end technologies including C#, .Net Core Api, .Net 8.0 and Entity Framework Core
* Implemented a fully functional **CI/CD** Build and Release Pipeline using Github Actions and Octopus Deploy. Also familiar with Azure DevOps
* Ability to design delightful UI per UX mockups (e.g. Figma) that can be used in demos to gather project support or recognition
* Provided thorough Enhancement and Support for a large scale Angular 5website
* Excellent Debugging skills both front-end and back-end
* Knowledge of best practices per official Angular Style Guide
* Collaborated heavily with fellow developers, designers, business, QA and other stakeholders in delivering projects
* Provided project updates in Daily SCRUMS to the project manager
* Performed code reviews and mentored junior developers
* Gave UI Demos at Project Milestones

# TECHNICAL SKILLS

*UX Design Tool:* Figma, Zeplin

*Javascript Framks/Lib/Stand.:* Angular 19 (Updated), Typescript 4.9, NX Monorepo, RxJS, Lodash, AngularCLI, AngularJS,   
 BreezeJS, Kendo UI, KnockoutJS, MomentJS, JQuery, Javascript, PlotlyJS, Web3JS, NodeJS

*UI Development Tools:*  DevExtreme, Prime Ng Controls, Angular UI-Grid, Telerik MVC/Kendo UI

*UI Frameworks/CSS Styling:* TailwindCSS 3.0, Bootstrap 5.2, Bootswatch Themes for Bootstrap v3.3.7, Angular UI

directives for Bootstrap, Angular Material 7.1, Font Awesome 4.7, Flexbox, JQuery UI

# *Web Development Stacks:* Single Page Apps (Angular 15 with .Net, Python Or Solidity Api), ASP.NET MVC

# 4/5(Razor), ASP.NET Web Forms, Classic ASP, .NET Framework 4.6-4.0-3.x-2.0, IIS 7.5

# *CI/CD:* Github Actions, Octopus Deploy, Azure DevOps

*Mapping/Drawing Platforms:* ArcGIS Api For Javascript 4.11 for Maps, Esri loader, Weblook-Kamel Software

# *Programming Languages:* C#, Visual Basic.NET, LINQ, HTML5, CSS3, HTML, T-SQL, CSS, SCSS, Java

*Webapi/Services:*  Asp.net WebApi 2.2 using C#, Odata v4, WCF/ASP.NET Web Services, .Net Core Webapi,

Python Api for Machine Learning Predictions, Solidity API

*Content Management System:* Oracle WebCenter Sites (WCS)

*Data Access Technologies:* Entity Framework 6.0 ORM, Entity Framework Core, Linq to Entities, ADO.NET

*Development Environments:* Visual Studio Code, Visual Studio 2022, GIT for both Angular and Webapi, TFS, Sql Server

2016, Visual Studio Team Services, Bitbucket, Bamboo, Github Enterprise

*Unit Testing/E2E:* Jasmine, Karma, Jest, Visual Studio Unit Testing

*Tools:* Github Copilot, ESLint 8, Linqpad,Red Gate Schema Deployment,Fiddler, Reflector, Splunk

*Work Item tracking:*  VSTS, Jira Software

*Certifications:* Microsoft Certified Technology Specialist (MCTS) .Net Framework 2.0– 2007, Windows, Web, Sql Server 05, Distributed Applications, Microsoft Certified Professional (MCP)

Professional Scrum Developer 1 (Scrum.org) - 2023

# PROFESSIONAL EXPERIENCE

**Cognizant Technology Solutions Angular 15/Typescript with** **Node JS & .NET APIs**

**Client Projects/Applications** Oct. 2022 – Current

**LPL Financial,** San Diego CA **(Remote Work)** Sep. 2023– Current

* Successfully lead and migrated an AngularJS 1.5, Bootstrap, Javascript website (10 menu items & 1 admin module) to a NX based Angular 15, Tailwind & Typescript website
* Architected and setup the NX based Angular 15 project/folder structure from the ground up using best practices
* Implemented a custom variation of NX based Micro Frontend architecture per client requirements
* Setup project such that each of the 11 Angular apps had its own CI/CD pipeline so multiple teams could work independently
* Reviewed legacy AngularJs codebase and website. Evaluated high level code setup and 3rd party library dependencies. Researched and found equivalent ones to use in Angular 15
* Smoothly and promptly onboarded 1 junior developer and later a senior developer to the Angular 15 project
* Wrote clean modular code and implemented pages, shared components, directives, pipes, services and routing
* Implemented CI/CD using Github Actions workflows with pre-defined yaml templates
* Setup and Configured Octopus Deploy for each Angular app as part of CI/CD Integration
* Prescreened upcoming migration tasks. Proactively resolved roadblocks and made technical design decisions before handing off the development task
* Worked diligently and solely resolved all technical challenges encountered during project migration
* Implemented a proof of concept project utilizing C#, .Net Core Api, .Net 8.0 and Entity Framework Core to migrate legacy .Net 4.8 Api
* Performed PR code reviews and ensured that fully functional web pages were delivered
* Provided bug fixing and support to deploy the Angular apps to Production

***Technologies used****: NX 15.8.6, Angular 15.2, Typescript 4.9.5, Eslint 8.15, TailwindCSS 3.0.2, Jest 29.4, NodeJs 20.10,*

*SCSS/CSS, Font Awesome 6.2.0, DevExtreme 23.1.4, Lodash 4.17.21, AngularJS 1.5, Bootstrap 3.3.7, Advanced*

*JavaScript, C#, .Net Core Api, .Net 8.0, Entity Framework CoreGitHub Actions, Octopus Deploy, SQL Server, Visual*

*Studio 2022, Visual Studio Code*

**Elevance Health/Anthem. CarelonRx,** AtlantaGA **(Remote Work)** Dec. 2022– Aug. 2023

* Lead an offshore team of 4 Developers remotely to deliver a complete front-end application
* Worked with the Product Owner, Graphic Designer and API Teams to create 4 new Angular 11 pages per Figma and Acceptance Criteria
* Developed new Shared Components that were visually appealing, easy to integrate and worked smoother than their legacy counterpart
* Modified and enhanced existing Production webpages including one that involved 10k lines of code
* Created Responsive webpages(Mobile and Desktop) that were both cross browser and cross device compatible
* Provided solutioning guidance to teammates for their Jira tasks and removed obstacles. For advanced issues, ran teammate's branches locally to troubleshoot and find resolutions
* Assisted teammates to set up custom Git branches and helped to resolve PR merge issues
* Wrote unit tests using Jasmine, Karma and Jest with code coverage of over 80%
* Actively participated and provided value in multi-team Features Discussion meeting daily
* Clarified API schema and requirements for everyone by actively engaging in Api walkthrough meetings
* Provided **weekly demos** at sprint review meetings
* Executed custom queries in Splunk to find error details in QA testing environment
* Utilized Postman for troubleshooting API queries and Swagger Editor for viewing API schema files
* Utilized Bitbucket for creating PRs and occasionally read Bamboo logs to resolve build errors
* Webpages created were 508 compliant. Web accessibility was Developer tested using Chrome screen reader

***Technologies used****: Angular 11, Typescript 4.1.5, EsLint 7.24, Angular CLI 11.2, Angular Material 11, Bootstrap 3.3,*

*HTML, SCSS/CSS, Advanced JavaScript, Lodash 4.17, Jquery 3.3, RxJS 6.6.7, Jest 27.3, Node Js 12.20, Jasmine,*

*Karma, Oracle WCS content management system, Figma UX, Bitbucket, Bamboo, Jira, Splunk, Visual Studio Code*

**qViuw Technologies,** Houston TX **Angular 14 with Solidity API**

Block Rewards (Side-Project. Built with Angular 14 & Typescript 4.7**)** June 2022 – Sep 2022

* Solely created a fully functional delightful UI using HTML5, CSS3, Javascript, Jquery and Web3 Js
* Successfully migrated the HTML5 website to the latest tech stack utilizing Angular 14, Typescript 4.7, Eslint 8 and Bootstrap 5
* Wrote clean code and developed all Angular 14 features with the default compiler option Strict set to true (Null & Undefined having their own distinct types) and typescript compiler targeting ES2020 via tsconfig
* Architected the front-end using best practices and used Core folder for singleton features such as services, navbar, global error handler and used Shared Module for re-usable components and pipes
* Utilized Subject to communicate between a component and a service method for callback purposes
* Implemented a global custom handler for Unhandled exceptions. Handled Exceptions were logged to browser console and alerted via Modal popups.
* Added custom type for window.web3 via index.d.ts and updating tsconfig typeRoots
* Utilized latest linting tool ESLint to make typescript codebase adhere to best practices
* Updated Polyfill and tsconfig files to integrate Web3 Js with the latest Angular 14 version
* Utilized Remix IDE and thoroughly enhanced an existing Solidity API to add new features and implemented a ReentrancyGuard to ensure best practices.

***Technologies Used****: Angular 14, Typescript 4.7, EsLint 8, Angular CLI 14.1. Jquery 3.5, HTML5, CSS3, Javascript,*

*Bootstrap 5.2, Web3 Js 1.7, Solidity 0.8.9, Visual Studio Code*

**Shell Oil Company (Client Site), Insight Global,** Houston TX **Angular 7 with** **.NET & Python APIs**

**Projects/Applications** Aug. 2018 – June 2020

**Concept Selection (Angular 7 with .Net & Python Apis)** Feb. 2019– June 2020

* Solely created 5 fully functional SME tested front-end webpages using Angular 7 and integrated them by working closely with a .Net WebApi developer and a Python Api Developer (Machine Learning Predictions Api). Two additional Angular web pages created by a supplemental UI developer were also enhanced.
* Worked with a UX designer remotely and used her Zeplin UX mockups to create a professional yet award winning front-end website
* Setup the Angular 7 project/folder hierarchy structure from the ground up and architected it per best practices
* Wrote clean code and developed shared components, validation components, pipes and used core module for navbar, services and global error handler
* Took deployment responsibility of the UI, .Net Api and Python Api to Windows Server VMs (IIS) from the very beginning and always kept the website stable and demo ready
* Worked with a core Arcgis for Javascript map developer on 4 pages to convert her static Arcgis html/javascript code into dynamic typescript code and integrated them into the Angular application using ESRI loader
* Interacted with SMEs to get requirements clarification and provided UI demos to both Manager and SMEs on almost a weekly basis
* Went beyond core front-end responsibilities to ensure project success and worked closely with all related team-members (UX & Apis) to ensure our work would satisfy requirements and would make it to the end product
* Used PrimeNg for third party controls, Git for Angular and VSTS for work items tracking
* The impressive UI design coupled with Machine Learning Predictions resulted in management using the website for demos often to gather project support and recognition that eventually resulted in Concept Selection project to **win the prestigious Digi-Dev award at Shell** in December 2019

***Technologies used****: Angular 7, Typescript 3.1, RxJs 6.3, Angular CLI 7.1, Zeplin UX, Bootstrap 4.2, Angular Material*

*7.1, Prime Ng Controls 7.1, Lodash, MomentJs, Plotly.js Charts, ArcGIS Api For Javascript 4.11 for Maps, Esri*

*loader, Python Api for Machine Learning Predictions, .Net 4.6, .Net Web Api using C#, Sql Server 2014, Visual Studio*

*Code for Angular, Visual Studio Enterprise 2017, Git & Visual Studio Team Services*

**FindAll (Angular 6/Typescript/RxJs/Asp.net Webapi using C#)** Aug. 2018– Feb. 2019

* Worked as a sole Angular 6 Developer on the project and together with a .Net Webapi developer migrated a Windows Forms project (using Visual Basic) to an Angular 6 with .Net Webapi website
* Architected the Angular 6 project from the ground up using best practices and created 6 different web pages
* Reviewed the legacy Windows Forms codebase and UI to understand requirements before converting them to Angular 6 with Typescript front-end
* Used PrimeNg for third party controls, Git for Angular and VSTS for work items tracking
* Presented website demos to stakeholders on each webpage completion

***Technologies used****: Angular 6, Typescript 2.7, RxJs 6, Angular CLI 6.1, Bootstrap 4.1, Angular Material 6.4, Font*

*Awesome, Prime Ng Controls 6.1, Lodash 4.17, MomentJs 2.22, Weblook-Kamel Software, .Net 4.6, .Net Web Api using*

*C#, Sql Server 2014, Visual Studio Code for Angular, Visual Studio Enterprise 2017, Git & Visual Studio Team Services*

**Energy Transfer (Client Site), Modis,** Houston TX A**ngular 5 using Typescript with** **ASP.NET WebAPI**

**Projects/Applications** July 2017 – July 2018

**SunocoLP (Angular 5/Typescript/RxJs/Asp.net Webapi using C#)**

* Worked as a Senior UI Developer in a team of 10 Agile Developers on a large scale Angular 5 website starting from Prototype phase all the way to Live Production deployment
* Provided thorough Enhancement and Support for the **whole** Angular 5 website
* Developed Components, Services, Pipes using best practices and utilized RxJs/Observables in Webapi calls
* Created and Modified both Template and Reactive forms
* Development involved 65% front-end Angular 5 work with 35% middle-tier/back-end .Net Webapi & Sql Server tasks
* Took ownership of Roles/Permission aspect of the website and worked with fellow Developers and Business/QA to make sure Role/Permission deployment and configuration was accurate in QA and Production
* Worked closely with Lead Architect in testing UI Pages that needed complex standards compliance
* Interacted heavily with Business & QA remotely in regards to feature implementation, bug testing and new feature walkthroughs
* Used Git with both Angular and .Net Webapi for version control system
* Used Visual Studio Team Services to create Pull Requests (PRs) and manage UserStories/Tasks/Bugs within Sprints

***Technologies used****: Angular 5/4/2, Typescript 2.6, RxJs 5.5, Lodash 4.17, MomentJs 2.2, Bootswatch Themes for*

*Bootstrap v3.3.7, Font Awesome 4.7, Angular CLI 1.7.4, .Net 4.6, .Net Web Api 2.2 using C#, Odata v4, Entity*

*Framework 6.0 Code First, Sql Server 2016, Git, Visual Studio Code, Visual Studio Professional 2017 & VSTS*

**Bechtel Oil, Gas & Chemicals (Client Site), System One,** Houston TX A**ngularJS with** **ASP.NET MVC WebAPI**

**Projects/Applications** Feb 2017 – May 2017

**ProScope (AngularJs/BreezeJs/Asp.net Webapi using C#)**

* Developed clean code as a Senior Angular developer using best practices and delivered various enhancement features for Proscope website
* Implemented CRUD operations on the client using BreezeJs and also modified Asp.net Webapi layer
* Involved in heavy Angular UI-Grid programming on 3 separate views that included customizing grid expander
* Produced delightful UX using Flexbox and Bootstrap while adhering to website’s style guidelines
* Worked in an agile scrum environment utilizing Jira software for issue tracking

***Technologies used****: AngularJs 1.4.8, Angular UI-Grid, BreezeJs, Flexbox, MomentJs, JQuery, Bootstrap, Asp.net*

*Webapi 2 using C#, TFS, Visual Studio 2015, Sql Server 2012, Oracle, Sql developer, Jira Software*

**United Airlines (Client Site), Tech Talenta Inc & Bucher & Christian,** Houston TX **AngularJS with** **ASP.NET MVC**

**Projects/Applications** July 2014 – Jan 2017

**Crew Communication Services (AngularJs with Asp.net Webapi using C#)** June. 2016– Jan 2017

* Lead the integration of AngularJs with a legacy decade old Asp.net Webforms project
* Implemented folder hierarchy and grunt build in webform project for Angular bundling and minification
* Successfully integrated and deployed a solution wherein we can mix and match technology according to the UI needs. From the webform's menu, we can bring up either a Asp.net Webforms page, a Asp.net MVC page, Simple Angular Page(mini spa), Full blown Angular Page(e.g. 70 files), Angular ver 1.4 page or Angular ver 1.6 page. Each webform's menu links act like a mini app by itself (no dependency on other pages).
* Developed Pages using AngularJs and Asp.net Webapi while applying best practices from John Papa's Angular 1 Style guide

***Technologies used****: AngularJs 1.2/1.6, JQuery, Bootstrap, Grunt, Asp.net Webapi 2 using C#/VB.net, Asp.net MVC 5,*

*TFS, Sql Server 2012, Visual Studio 2015*

**CrewPayRegister (AngularJS 1.3 with Asp.net WebApi 2 using C#)** Feb. 2016– June 2016

* Lead a team of 3 individuals(1 UI Designer and 2 Junior Developers) and migrated a Asp.net 2.0 Webforms website to a SPA(Single Page Application) .net 4.5 website using AngularJS and Asp.net Webapi.
* Solely architected and designed the new Web UI and WebApi Layer.
* Worked thoroughly with the UI designer remotely and on-site to make the UI cross browser(Chrome, IE, Firefox) and cross device(Desktop, Ipad, Mobile) compatible using Bootstrap and CSS.
* Broke the project into tasks and mentored junior developers into accomplishing it.
* Setup Sql Jobs and Task Scheduler(to execute batch files) for file processing.
* Collaborated with Server Admin and pushed the website through Dev, QA and Production environments.
* Prioritized tasks to accomplish a project deliverable by the due date.
* Resolved project challenges and issues in collaboration with other stakeholders and delivered the successful project to a non-technical project manager.

***Technologies used****: AngularJs 1.3, JQuery, Bootstrap, Grunt, Asp.net Webapi 2 using C#/VB.net, Visual Studio 2015,*

*Asp.net MVC 5, TFS, Sql Server 2012*

**NextGen(AngularJS/BreezeJs/Asp.net MVC)** Mar. 2015– Feb. 2016

* While acting as a lead UI developer in a team of 7 individuals (4 UI Developers, 1 UI designer, 2 Webapi Developers), produced a production ready front-end UI utilizing AngularJs/BreezeJs.
* Setup the Angular project/folder hierarchy structure and merged it with a Asp.net MVC based project.
* Created dynamically compiled custom directives using the $compile service and injected them on html page using jquery.
* Utilized major Angular features including angular routing, partial views, filters(to sort and filter data), custom directives(both isolated and inherited scope), services, link functions(cleanup work/unsubscribe scope event handlers after removing directive from DOM), rootscope.broadcast and scope.on handlers(to communicate between Services, Directives and Controllers).
* Used BreezeJs for client data manipulation and CRUD operations on the server. Extended Breeze Entities for custom view data. Utilized Breeze entity states thoroughly.
* Working with another senior developer, implemented Bundling, Minification and Cache Busting strategy for the project.
* Utilized Bootstrap, Angular Material Design and Angular UI directives for Bootstrap for UI/CSS styling and components for the project.
* Provided UI demos at various project milestones.

***Technologies used****: AngularJs 1.3, BreezeJs, JQuery, Moment.Js, Bootstrap, Angular Material Design, Angular UI*

*directives for Bootstrap, Grunt, Asp.net Webapi 2 using C#, TFS, Sql Server 2012, Visual Studio 2015, Asp.net MVC 5*

**UPP(AngularJS/BreezeJs)** Jul. 2014– Mar. 2015

* Worked as a Senior UI Developer in a team of 10 individuals to produce a production ready front-end UI using AngularJs/BreezeJs.
* Setup the Angular project/folder hierarchy structure.
* Developed custom angular directives with isolated scopes. Used $scope.$watch sparingly when needed. Setup Angular routing and created filters, services and controllers.
* Utilized BreezeJs extensively for CRUD operations in the datacontext layer.
* Assisted Mid and Junior developers with best practices and performed code reviews.
* Got familiar with Webapi methods, business logic, model data and code first mappings.
* Implemented AngularJs Unit Testing for Directives, Filters, Services and Controllers using Karma and Jasmine.

***Technologies used****: Visual Studio 2013, AngularJs 1.3, BreezeJS, JQuery, Bootstrap,Asp.net Webapi 2 using C#, Entity*

*Framework, TFS, Sql Server 2012*

**qViuw Technologies,** Houston TX **ASP.NET MVC 4(Razor) with C#**

FinalStopInvestor (Side-Project. Asp.net MVC 4 Web Development**)**  Sep 2013 – July 2014

*Implemented a full scale Asp.net MVC 4 website from start to end hosted on a dedicated web server using SSL.*

* Solely designed and implemented the whole website using .Net 4.5, Asp.net MVC 4, JQuery, JQuery Ajax, JQuery UI, Entity Framework 5, Visual Studio 2012 and Sql Server 2012.
* Utilized various features of a full blown website including Sessions(Sql Server mode), Lookups, Client-side image caching using OutputCache, Machine key encryption for cookies and sessions, Web.config encryption using Protected Configuration and Bundling and Minification of JS/CSS files.
* Implemented a de-toggled implementation of Web Forms Authentication for Registering/Login purposes using hashed passwords for users. Utilized SendGrid for sending emails for account activation following registration.
* Did not utilize any licensed 3rd party control and implemented efficient(IQueryable) sorting, paging and filtering of Grids using only Nuget packages, MVC Ajax and MVC PartialViews.
* Solely designed and implemented the Sql Server database schema of the whole website. Utilized non-clustered indexes, constraints and foreign keys while designing tables.
* Combined codebase of the website consisted of 15000 lines of code, 75 Sql Server Tables and 98 Stored Procedures.

**HISD (Client Site), Robert Half Technology,** Houston TX **ASP.NET MVC 4(Razor) with C#**

**ESHARS Application** (Asp.net MVC 4/Kendo UI MVVM Web Development) May 2013 – Sep 2013

* Utilized MVC4 and Kendo UI MVVM to create front end web pages while working in a team of 10 individuals.
* Modified and Enhanced Asp.net Web Api layer together with the DAL to incorporate the proposed changes.
* Developed codebase based on UI Specifications and Business Rules Documents. Also created Technical Design Documents to supplement the enhancement tickets.
* Utilized TFS branch merging to check-in code.
* Development stack utilized included Visual Studio 2012, Sql Server 2008 and Entity Framework 4.0.

**United Airlines (Client Site), Insight Global,** Houston TX **ASP.NET MVC 4(Razor) with C#**

**E-Ops Application** (Asp.netWeb Forms to Asp.net MVC 4 migration) Jan 2013 – Apr 2013

* Solely migrated a Asp.net 2.0 Web Forms/ADO.net/Sql Server to a Asp.net MVC 4/Entity Fmk./Sql Server Platform.
* Used several MS in-built WebGrids on the same page together with partial views for grid functionality.
* Implemented DAL layer using Entity Framework to reuse/execute all legacy stored procedures.
* Technologies/Concepts used included Ninject for Dependency Injection, Filters, Bundling and Minification (MVC4), Asp.net Web Service client to WCF client proxy migration.

**History Application**

* Re-wrote an existing MVC3 website(small scale) using MVC4\EntityFramework as well as MVC2\ADO.net.

**Energy Transfer (Client Site), SAVA Solutions,** Houston TX - **ASP.NET MVC 3** Feb 2012 – Dec 2012

**Lender Processing Services (LPS),** Houston TX - .NET Web Developer Dec. 2007 – Feb. 2012

**Projects/Applications**

LPS Desktop Build Prep Database Compliance ToolAug. 2011– Feb. 2012

LPS Desktop Loss Mitigation (DLM) Web ApplicationMar. 2008 – Feb. 2012

LPS Desktop Web Application Apr. 2008 – Oct. 2008

Document Processing System (DPS) Dec. 2007 – Mar. 2008

**Sogeti USA,** Houston TX - .NET Consultant Apr. 2007 – Aug. 2007

**Automation Solutions (AutoSol),** Houston TX – Visual Basic Software Developer Apr. 2006 – Feb. 2007 **United Space Alliance (USA)**, Houston TX – Flight Software Co-op May 2004 – Dec. 2004

# EDUCATION

# Bachelor of Science in Computer Science, Dec. 2005-GPA 3.96/4.0 *University of Houston-Clear Lake, Houston, TX*

# Foundation Course, May 1998- GPA 4.0/4.0 *Institute of Chartered Accountants of Pakistan*