# SHUBHAM PRASAD PEDNEKAR

Dallas, TX | shubhamprasadpednekar@gmail.com | +1 (716) 815 0972 | LinkedIn | Github

## EXPERIENCE

### IT Software Engineer, Sr. | Health Plan of San Joaquin (Contract)                    Nov 2024 - Jul 2025

- Architected **Single Page Applications (SPAs)** and **RESTful APIs** using **React JavaScript** and **ASP.NET Core MVC Framework** to manage healthcare operations like M/P management for Pharmacy, Compliance, Analytics, and ESDI teams.
- Developed responsive, dynamic user interfaces using **Kendo UI** Component library, and **Flexbox** based **JSX** templates to ensure optimal viewing and functionality across all devices in single-page designs.
- Designed data access layer using **Entity Framework Core ORM (Code-First approach)** and **C#/.NET (LINQ)** to manage and persist core healthcare entities, including providers, members, and contracts.
- Wrote unit tests using **xUnit** and the **.NET test framework** to validate business logic, such as claims status updates and member eligibility verification, ensuring high code quality and reliability.
- Engineered and scheduled **T-SQL (MSSQL)** jobs with **SSIS** and **Python** for **Electronic Data Interchange (EDI)** workflows, streamlining data exchange for healthcare functions like claim adjudication and member lifecycle management.
- Implemented client-side data management with **BreezeJS** for complex entity graphs, enabling transactional integrity and batch save functionality across multiple views for high-volume, bulk operations.
- Engineered and integrated **SAML**-based **Single Sign-On (SSO)** with an internal Identity Provider (IdP) and various external Service Providers (SPs) (e.g., JIVA, QNXT, Inovolon, Okta), **CORS**, **SSL** authentication to enhance security.

### Software Engineer | Gainwell Technologies (Contract)                    Jul 2024 - Nov 2024

- Built an end-to-end data visualization platform with an **React** frontend consuming data from **ASP.NET Core RESTful APIs**, providing executives with visual reports on core business metrics from **SQL** datasets.
- Designed the data service layer in **C# .NET**, responsible for efficient translation of back-end **LINQ** query results into optimized **JSON** responses for the **AngularJS** frontend.
- Implemented a robust **SAML**-based **SSO** system utilizing **ASP.NET** Identity middleware, retiring **AWS Cognito** to manage **CIAM** and **Role Based Access Control (RBAC)**.
- Maintained critical **SQL Server Integration Services (SSIS) ETL** pipeline, managing high-volume data movement across **SQL** Stored Procedures, SFTP/NFS, and custom **Azure Functions** Web Hooks for secure client file generation.
- Leveraged **Terraform** to provision **Azure (AKS, VMs, Functions)** cloud infrastructure supporting highly scalable **ASP.NET Core** microservices designed for real-time ingestion of customer events into a **Azure Cosmos DB** data store.

### Software Engineer | Buffalo Niagara Medical Campus                    Aug 2023 - Jul 2024

- Spearheaded the development of a telehealth appointment scheduling platform for postpartum care providers, utilizing **ASP.NET core**, **React JS**, **MongoDB (NoSQL)**, **Redis** caching, and integration with the CISCO WebEX API.
- Engineered a unified authentication solution using **Okta Auth0** to seamlessly merge provider access (LDAP) with member access (Google Social IdP SSO).
- Streamlined the deployment workflow by automating **Docker** image builds and releases to both GitHub Container Registry and Docker Hub via a GitHub Actions CI/CD pipeline.

### Software Developer | GeekWork                    Jan 2021 - Nov 2021

- Engineered a real-time, event-driven backend for the NIDO Workz ERP system, using **ASP.NET Core MVC** and **Postgre SQL** to monitor factory automation robot and sensor status via **Razor Pages**.
- Implemented **JavaScript (jQuery)** for client-side fetch operations and recurring page refreshes for real-time view updates.
- Designed **RESTful API** endpoints, **AJAX** for on-demand data retrieval to dynamically update **Bootstrap CSS**, **HTML5** UI.
- Streamlined Identity and Access Management (IAM) by integrating **Active Directory (AD)** groups for user provisioning, robust authentication (MFA), and enhanced security via Role-Based Access Control (RBAC).

## EDUCATION

### M.S. in Computer Science and Engineering | State University of New York at Buffalo          Feb 2022 - Jun 2023
### B.Eng. in Computer Engineering | University of Mumbai                    Aug 2017 - May 2021

## SKILLS

.NET, C#, ASP, MVC, Blazor, Razor, SignalR, Azure, Bootstrap, VB.NET, Entity Framework, ADO.NET, Dapper, Microsoft Visual Studio, CSS, REST, SOAP, API, CSS, HTML, AngularJS, Angular, React, VueJS, JavaScript, jQuery, BreezeJS, Docker, AWS, GCP, Github Actions, git, HTML, Lambda, SQL, splunk, MongoDB, NoSQL, Oracle, MSSQL, LINQ, SSIS, SSRS, SSIS, T-SQL, Postgres, SSO, Auth0, Okta, PyTest, Pandas, Python, S3, SNS, SQS, Selenium, Tableau, Terraform, Powershell, IAM, PowerBI, EC2, grunt