SHUBHAM PRASAD PEDNEKAR

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PROFESSIONAL EXPERIENCE

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

• Leveraged **ASP.NET (Blazor, Razor Pages, WebForms)** and **Javascript (Angular JS)**, alongside **Bootstrap CSS**, to maintain external websites and **RESTful APIs** for the Pharmacy, Compliance, Analytics, and ESDI teams.

• Maintained secure **RESTful HTTP API microservices** to serve aggregated data via **SQL**, **Javascript**, **SignalR**.

• Integrated **Role-Based Access Control (RBAC)** multi-tenancy through **Azure Active Directory** groups into **Okta Auth0** to configure authentication and authorization logic for internal tool **Single Sign-Ons (SSOs)**.

• Implemented **SAML**-based **SSO** integrations with internal **IdP** and various external **SPs**, including **JIVA**, **QNXT**, **Inovolon** and **Okta** with **Just-In-Time (JIT)** and **SCIM** provisioning, **MFA**, and **SSL** certificate authentication.

• Engineered and scheduled **T-SQL (MSSQL)** jobs for **Electronic Data Exchange (EDI)** workflows using **SSIS**, **Azure Data Factory**, **Azure Functions** and **Python** streamlining data exchange for critical healthcare operations like claim adjudication, defining risk groups and member management.

• Integrated **Azure DevOps API** to generate outage tickets, reducing response time and aiding analytics.

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

• Engineered data visualization dashboard in **ASP.NET Core (Blazor)**, **Javascript (D3.js)** and **SQL**.

• Implemented **AWS Cognito** to manage **customer identity and access (CIAM)**, including **SSO** user interface.

• Maintained **SQL Server Integration Services (SSIS)** workflows to integrate **SQL Stored Procedures, Azure Functions API Web Hooks, NFS, SFTP** and **SMTP** servers to create and distribute **AFS** File to clients.

• Leveraged **Terraform** to deploy **ASP.NET** microservices on **Microsoft Azure cloud** ecosystem including **Azure VM, Azure Functions and Azure Kubernetes Service (AKS)** to capture customer events to **Cosmos DB**.

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

• Spearheaded development of an appointment scheduling platform using **ASP.NET Razor Pages**, **VueJS**, **MongoDB**, **Redis cache** and **CISCO WebEX API** for telehealth providers to provide postpartum care to mothers.

• Used **Okta Auth0** to merge provider auth via **OpenLDAP** and member auth via **Google social IdP SSO**.

• Automated **Docker** image builds and releases to **GitHub Container Registry** and **Docker Hub** via **GitHub Actions CI/CD pipeline**, streamlining deployments.

Software Developer | GeekWork   Jan 2021 – Nov 2021

• Established Real-Time, Event-Driven Backend for NIDO Workz ERP **.NET Core ASP.NET MVC** Web App via **Postgres SQL Database** to observe status of factory automation robots and sensors using **Razor Pages**.

• Designed **RESTful API** endpoints for real-time and on-demand data retrieval, integrating with **jQuery** to dynamically update user interfaces created in **Bootstrap CSS** and **HTML5**.

• Integrated **Active Directory (AD)** groups for streamlined **Identity Management (IAM)**, **user pool provisioning**, and enhanced security via robust authentication (including **MFA**), fine-grained and **role authorization (RBAC)**.

EDUCATION

M.S. in Computer Science | The State University of New York at Buffalo   Jan 2022 - Jun 2023

B.E. in Computer Engineering | University of Mumbai   Aug 2017 - Jun 2021

TECHNICAL SKILLS

.NET, C#, Blazor, Razor, SignalR, Azure, Azure Data Factory, CSS, Rest, SOAP, API, CSS, HTML, React, VueJS, JavaScript, jQuery, SSIS, Django, Docker, ElasticSearch, FastAPI, Flask, AWS, GCP, Github Actions, git, HTML, Java, Jenkins, Lambda, SQL, splunk, MongoDB, NoSQL, Oracle, MSSQL, SSIS, SSRS, SSAS, OpenStack, T-SQL, Postgres, SSO, MDM, MFA, Auth0, Okta, PyTest, Pandas, Python, S3, SNS, SQS, Selenium, Tableau, Terraform, Powershell, IAM, Airflow, PowerBI, Pandas, EC2, JMeter, grunt