Akanksha Shrivastava

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Technical Skills:

- .Net Core, .Net Framework, ASP.NET, MVC, .Net Core
- Angular 2+ (latest worked on 20)
- C#, Javascript, Typescript ,Python
- JQuery, HTML, CSS, Bootstrap ,RxJs, Responsive Web design, unit testing
- State management using ngrx and ngxs
- Azure cloud services such as Azure pipelines, Azure DevOps, Azure Resource Manager, Azure boards and Azure repos, Azure Functions, Azure Event Grid, Event Bus,
- Design, build and maintain CI/CD build and release pipelines using Azure DevOps YAML pipelines.
- AWS Cloud services such as EC2, Lambda, VPC, Cloudfront, SNS, AWS monitoring and auditing tools.
- OOPs concept, Design patterns, S.O.L.I.D principle, MVC, CQRS, Microservices, Dependency Injection, Event Driven Design.
- Agile methodology, Kanban

Professional Experience:

Projects:

Project Name: Feeder Management System, JBA , NYC.   Role: Sr. Software Engineer

Client: Con Edison   Duration: Feb 2024 to Till date

Description: Feeder Management System (FMS) is an application that supports the maintenance and outage activities of the network. Job briefing Application(JBA) is an application is used by mechanics and supervisors working in the fields to fix the electrical and mechanical issues. This application is design to use Bing Maps API to display crew location, distance from the location of job and allows other crew/supervisors to track their location. This application is designed to use ngxs for state management. It is an advance responsive application that provides various UI features such as image/video upload, PWA (offline functionality) and stepper functionality for forms.

Environment: VS Code, .Net Core 8, Angular Framework 14,16, Visual Studio 2022, MS Sql, GitHub , Azure DevOps.

Responsibilities:
- Developed reusable Mobile Navigation UI component using Angular that saved development cost on the UI.
- Created a library in Angular to get geolocation from a photo uploaded, this helped mechanics to correctly complete their job at right location and save the rework cost.
- Integrated Bing map API with Angular application.
- Added ngxs in application for state management.
- Developed Restful APIs in .Net Core to get data from different systems.
- Created Azure SMS communication service and Azure Function to send event notifications from app.
- Performed Unit test cases using Cypress.
- Built and managed CI/CD pipelines in Azure DevOps using YAML, automating build, test, and release workflows across multiple environments. Implemented multi-stage pipelines, artifact management, approvals, and secure variable handling to improve deployment reliability and reduce manual release efforts.

Project Name: Plus Modernization, Kansas City   **Role:** Lead Engineer.
Client: Imperial PFS   **Duration:** Nov 2022 to Dec 2023

Description: IPFS is a premium finance organization. Most of the applications are built to post and track payments from the users and to generate reports. The website is the rewrite of a legacy app written in VB6.

Environment: VS Code, ASP.Net , Angular16, Visual Studio 2017, .Net Framework, .Net Core 6, MySql and JIRA, GitHub , Azure DevOps.

Responsibilities:
- Led one of the development teams to design and develop application and mentored team members.
- Developed and Maintain various application using Angular ,Prime NG and Kendo UI.
- Developed microservices using CQRS and REST principle in .Net Core 6.0.
- Worked on migrating front web to modern technology using Angular.

- Used Azure Services such as Azure Repos, Azure Pipeline , Azure Boards and Azure Test Plans to plan work and collaborate on code development, built and deployed application.
- Developed secure web Services using token JWT.
- Implemented Routing, Security, Action Filter techniques for application development.
- Followed JIRA (Agile methodology) with daily scrum meetings and provided user story updates.
- Organized sessions with business users to understand the user stories and created the documentation as per the business needs.

Project Name: IVR, Admin app   **Role: Tech Lead**
Client: Leader IT Group   **Duration: Jan 2022 to Dec 2022**

Description: I have worked on multiple projects and developed multiple products targeted to customer's need in Leader IT Pvt Ltd. I have worked on developing IVR (Interactive Voice Response) system and customizing the product as per client requirements. I am working on an administrative web application to track and report various operation in different departments. It allows users to raise incidents/enquiries and track the progress of it.

Environment: VS Code, Visual Studio 2019, .Net Framework, ASP.NET MVC Core, CSS, HTML5, Web API, Angular 10,13, Azure, C#, Entity Framework, SQL Server and JIRA.

Responsibilities:
- Led development teams to design and develop the application end to end.
- Mentored team members, provided technical assistance and review code.
- Participated in daily scrum calls for status updates and work assignment track.
- Developed microservices using CQRS and REST principle in .Net Core 3.1.
- Participated in migrating front web to modern technology using Angular.
- Implemented Routing, Security, Action Filter techniques for application development. Integrated google maps API.
- Followed JIRA (Agile methodology) with daily scrum meetings and provided user story updates.
- Scheduled meetings and coordinated the deployment.
- Connected with business users to understand the user stories and created the technical/functional documentation as per the business needs.

Project Name: EGem   **Role: Tech Lead**
Client: The National GEM Consortium   **Duration: Aug 2020 to Dec 2021**

Description: GEM is a non-profit corporation and its core business is to provide graduate fellowships in engineering and science to highly qualified individuals from communities where human capital is virtually untapped. EGem is the website where students can create their profile to get the University fellowship or to get job in reputed companies. Universities and Company can also create their profile and specify the number of positions they have opening for.

Environment: VS Code, Angular Framework 8, Visual Studio 2017, .Net Framework, .Net Core , MySql, JIRA, Git, Github, AWS, lambda ,EC2 , Azure Pipeline , Azure Devops , Docker.

Responsibilities:
- Developed and maintained SPA application using Angular8 and Kendo UI
- Designed and developed restful API using .Net Core
- Created Store Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2017
- Performed troubleshooting to identify the root cause analysis, identified perfomance related issues in system and fixed them.
- Used Version Control tools such as GitHub and Bitbucket for maintaining and deploying projects.
- Maintained complete documentation for new or enhanced application software
- Prioritized and managed multiple tasks to meet aggressive deadlines
- Assigned tasks and provided guidance to team members including offshore
- Participate in peer-code reviews and document operating procedures

Project Name: Ticket Management, Charlotte, NC   Role: Sr Full Stack Developer
Client: Wells Fargo   **Duration: Sep 2019 to June 2020**

Description: Ticket Management application is used to create a new issue and track the status tickets raised. It allows users with different privileges to perform different actions.

Environment: VS Code, Angular 6 ,7, 8, .Net Framework, ASP.Net 3.5, 4.0,.Net Core 2.1, Web API 2, SQL Server 2016 , Git, Artifactory, Docker.

Responsibilities:

- Designed site layouts and user interfaces using Angular 6, 7,8 ;bootstrap and Kendo UI.
- Created Single Page Application using Angular8.
- Retrieve data using LINQ to SQL Classes and stored procedure, tables and views.
- Develop programs for batch processes using .Net, C#.
- Create Store Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2003/2005/2008/2014.
- Use Artifactory to manage and maintain functional, Technical documents.

Project Name: Carnival.com and POS ,Miami, FL **Role: IT Analyst**
Client: Carnival Cruise Line **Duration: Oct 2013 to Aug 2019**

Description: Carnival Cruise Line operates in regions of north America, south America , Bahamas, Alaska and in some of the European countries. It has various channel for accepting cruise booking that include Agent bookings and Direct Booking. Guests can easily book their cruise and manage the booking.
POS is the point of sales system that is used by onboard crew to make sales.

Environment: .Net Framework 3.5,4.0, Angular 4 , WPF, CSS, HTML5, Js, Web API, C#, MSsql, Oracle, TFS, GIT, Clear Case, Crystal reports.

Responsibilities:
- Created a SPA application using Angular for the onboard crew to enter their work ours. The old system used on board was not efficient and caused inaccurate time capture that caused huge fines for department. The new app saved a lot of money by accurately capturing the hours.
- Migrated Legacy application reports to new reports using Angular and Oracle.
- Created Triggers, Stored Procedures, Scripts in database for the backend processes and application database transactions.
- Converted a monolithic API to domain based Restful APIs. Old monolithic API caused millions of dollar revenue loss in downtime. Creating the different API for each department provided better fault tolerance and reduced revenue loss.
- Worked on Oracle /SQL database servers using Toad and SQL server management studio.
- Supported legacy applications build using VB6 and crystal reports.

Project Name: Carnival Booking Engine, Noida, India   Role: System Engineer
Client: Carnival Cruise Line   Duration: Mar 2010 to Oct 2013

Description: Carnival Cruise Line is The World's Most Popular Cruise Line and now carries millions of guests on cruise every year. It operates in regions of north America, south America , Bahamas, Alaska and in some of the European countries. It has various channel for accepting cruise booking that include Agent bookings and Direct Booking. Guests can easily book their cruise and manage the booking. Carnival Booking Engine is responsible for providing fast and easy cruise booking experience to guest.

Environment: Visual Studio 2008,2010,2012, .Net Framework 3.5,4.0, CSS, HTML5, Javascript, Web API, C#, SSMS, MSSql 2012, Oracle, TFS, Sitecore ,Splunk.

Responsibilities:
- Created web application component for making reservations and managing guest booking.
- Fixed production defects raised by Internal testing and Business Analyst during approval test.
- Implement client -side validations using Javascript and JQuery.
- Write packages, tables, views, triggers, SQL, indexes, constraints in Oracle.
- Write packages, Stored Procedure, views, triggers, constraints using PLSQL in Oracle 10g/11i.
- Requirements gathering, Design, Development, Implementation and Support.
- Analyse and create work flows diagrams, data flow diagrams using MS VISIO for other team members.

Education:
B.Tech (Electronics and Communications), June 2009 , Dr A.P.J. Abdul Kalam Technical University , Lucknow, U.P.