**Ajit Kumar Patra**

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**PROFESSIONAL SUMMARY:**

Having 12+ years of experience in the project life cycle, analysis, design, and development of Web Applications and databases using the technologies .Net/.Net Core, ASP.NET Web Forms, ASP.NET MVC, Web APIs/RESTful Services, Angular 15, React, Node.js, and JavaScript across BFSI, E-commerce, HR, and Telecom domains.

* Good in-depth understanding and experience in building web applications and handling client-side interactions using Angular 14, and React.
* In-depth experience in .Net Core, Web API, Entity Framework (EF), WCF, Web Service, and SQL.
* Sound knowledge of the Azure platform, Azure App Services, and Azure serverless computing like Logic apps and Function apps.
* Developed CI/CD pipelines using Azure DevOps.
* Designing and developing websites on the ASP.NET framework through agile development methodology.
* Involved in writing the Unit Tests for the C# code of business logic.
* Experience in designing and developing Databases in SQL Server 2019 and Azure SQL Database, which includes the development of functions, stored procedures, views, and triggers.
* Extensively used Team Foundation Server, Git, and Visual SourceSafe as source control tools.
* Experience in web programming with a good understanding of concepts like custom controls, Master Pages, Themes, Validation controls, Design patterns, and several other ASP.NET features.

**TECHNICAL SKILLS:**

**Microsoft Technologies:** Microsoft Visual Studio 2022, Azure

**Server Scripting:** Dotnet core, MVC, Web API, WCF

**Client Scripting/UI:** Angular 15, React, NodeJS, Typescript, JavaScript, NgRX.

**Database:** SQL Server 2019, Triggers, Procedures, Replication, Tuning & Optimization, MSBI.

**NoSQL:** Mongoose DB.

**Application Tools:** Visual Studio 2022, Visual Studio Code

**Reporting Tools:** Crystal Report for.Net and 2008, Business Objects, SSRS

**CI Tools:** Jenkins, Azure DevOps CI/CD pipelines and releases

**Other:** Object-Oriented Programming, Design Patterns

**Programming Language:** C#

**Version Control Tools:** TFS, GitHub

**Project Management Tools:** JIRA

**Methodology:** Scrum-Agile Methodology and Traditional Waterfall Method

**EDUCATION:**

* B.Tech. (Electronics & Telecommunication) from Biju Patnaik University in 2008

**At Synechron Inc March 2023 – Till date**

**Project: Freddie Mac**

**Client: PNC Financial service**

**Role: Sr.Net Developer**

**Description:** Integration of PNC with Freddie Mac for Loan Origination System.

The PNC user updated their loan details in the enterprise application. The FMAC API fetches and processes loan details in the background and syncs them with enterprise data.

**Responsibilities:**

* Involved in all phases of the life cycle of the project, including requirement study, design, development, deployment, and testing.
* Involved in the architecture and design of a worker-processed solution
* Responsible for independently designing and developing different worker processing services.
* Involved in Microservices development.
* Involved Apigee Authentication and JWT authentication with WebAPI and worker processes.
* Involved in Code review.
* Involved in unit testing.

**Environment:** Dot Net Core, Web API, SQL, Azure, GIT, Docker, Container Orchestration, Apigee Authentication.

**Project: Global panning system (GPS) June 2020 – Feb 2023**

**Client: Morgan Stanley**

**Role: Sr .Net/Front-end Developer**

**Description:** The Global Panning System (GPS) is a comprehensive web-based application that allows Financial Advisors

(FA) to view specific plan and participant-level information on select held-away retirement plans with a third-party plan providers. This application provides access to consolidated information on retirement plan business that was previously only available on the plan provider's web site.

**Responsibilities:**

* Involved in planning, estimation, and direct client interactions.
* Developed modules independently and with a team as per client requirements.
* Created required components, custom directives, and services using Angular typescript.
* Implemented state management using Angular NgRx.
* Integrated and implemented Single sign-on using ADA.
* Provide technical assistance for the troubleshooting and resolution of application problems.
* Provide support for production and post-production activities.
* Provide technical assistance, support, and manage the teams.

**Environment:** Angular 14.0, NgRx, Node Js, SCSS, Dot Net 6, WebAPI, SQL, Azure, Docker, Container Orchestration (Kubernetes).

**At Hexaware Technology:**

**Project: Document Intelligence for Contract Review (DICR) Dec. 2018 – May 2020**

**Client: EY**

**Role: System Analyst**

DICR suggests the best paragraphs (the unit of analysis) within the digitized document and highlights the data field in the returned section for the audit team to review and confirm. DICR then enables the audit team to generate a structured data report in Excel.

The interface of DICR also allows the team to add a new data field for extraction from the digitized document. This could be necessary when the information that requires extraction is specific to the client or the type of document and not pre-defined in the Standard Profiles.

**Responsibilities:**

* Involved in planning, estimation, and client interactions for requirements and risk analysis.
* Developed Angular modules independently and with a team as per client requirements.
* Worked with the DevOps team for application deployment setup.
* Provide technical assistance for the troubleshooting and resolution of application problems.
* Provide support for production and post-production activities.
* Provide technical assistance and support, and manage teams.

**Environment:** Python, Django, MongoDB, Azure, Angular 6.0, Angular material, Redis cache, Single sign on ADA.

**Project: Integrated Operational Workforce Planning (IOWP) June 2017 – Dec. 2018**

**Client: EY**

**Role: System Analyst.**

**Description:** It is a decision support tool that connects demand (pipeline) planning to supply (workforce) planning to enable better business decisions IOWP is an operational workforce planning tool that enables business units across EY to more effectively plan and model workforce demands against business demands.

IOWP complements existing financial planning, budgeting, and MLP planning processes by modeling workforce scenarios based on revenue and costs.

It allows modeling from Area, Region, Country, BU, SL, and SSL and in some cases down to City levels.

The modeling tool provides decision insight that will help business leaders make better short- and long-term business decisions.

**Responsibilities:**

* Managing functions, right from requirement analysis and gathering
* Participating in functional web design using Angular, Bootstrap, and Kendo UI.
* Creating the required REST API using the Web API
* Integration API with the Azure Redis cache.
* Created multiple SSRS reports.
* Integrated an SSRS report with a UI using Angular.
* Implemented session management in the UI using Angular.

**Environment:** Web API, Angular, SQL 2014, Azure, Redis cache, SSRS

**At Reliance Communication April 2016 – June 2017**

**Project: Reliance Global Call (RGCPLUS)**

**Role: Deputy Manager.**

**Description:** Reliance Global Call is a premium international calling service provider offering both prepaid (international calling cards) and postpaid (international phone cards) international calling services.

RGCPLUS is a combination of RnetCall and RGC with convenient features like one-touch dialing, Auto Recharge, Easy Dial, and follow-on. Calling, Hotline, App-to-App, Instant Messaging, Social Hub, and Video Calling—all these features are absolutely free with this service.

**Responsibilities:**

* Managed requirement analysis and gathering
* Took part in design responsive UI using React and integrated with .Net MVC application.
* Created required WebAPI for mobile application and desktop application.
* Integrated UI and API with state management.
* Performed coding to create different modules and administered team.
* Integration API with Azure Redis cache.
* Implemented message broadcasting using RabbitMQ.
* Provide technical assistance and manage the team.
* Provide technical assistance for troubleshooting and resolution of application problems.

**Environment:** React, WebApi, HTML5, Bootstrap, SMS Gateway, Azure Redis cache, RabbitMQ

**At Nazara Technology Pvt. Ltd July 2015 – March 2016**

**Project: OCG (Online Charging Gateway)**

**Role: Sr. Software Engineer.**

**Description:** This protection service helps in obscuring the customers MSISDN from the service until the customer has read and agreed to terms and conditions and made an active gesture to purchase something from the different service. It does this by acting as a mediator between the Mobile Operator and the customers to subscribe, unsubscribe, renewal, and buy something from the service.

**Responsibilities:**

* Managed functions right from requirement analysis and billing integration with different network operators
* Ensured header enrichment to get MSISDN from header and SMS integration to send & get SMS to the customer
* Activated and deactivated the user on different service with different subscription plan
* Renewed the all-active users on silent billing
* Responded to customer complaints
* Facilitated database design and created stored procedure, function and trigger
* Formulated different MIS revenue reports

**Environment:** ASP.NET, C#, Ajax, CSS, Html, MVC4, Angular JS, Bootstrap, SQL Server 2008, WCF

**Project: CMS (Content Management System) Sept 2011 – June 2015**

**Role: Sr. Software Engineer**

**Description:** The Content Management System allows administrator, marketing and content professionals to add, manage, and publish digital assets to the store front experience in an easy, relevant and engaging way through a single user interface. CMS offers an extensive set of tools that enable all tasks needed to create, manage and deliver value added services and provide a complete digital content marketplace.

**Responsibilities:**

* Administered entire functions of content partner management, category management, service management & content
* publishing, portal management (browse, discover & downloading), central device repository, price management and
* portal creation for multiple operators & genres and enhanced reporting & business intelligence

**Environment:** Front-end: MVC, C#, Ajax, CSS, HTML, jQuery, Angular JS, SQL