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**E-Mail**: arindamdeyjob@gmail.com **Arindam Dey** **Phone**: +91-9830609366

Certified **Technology Architect Associate**; supports Architectural Runway in Full SAFe by Application, Integration, Solution Architecting in cloud. **Certified SAFe® Agilist, Advanced Professional Scrum Master1(PSM 1 & 2), Professional Scrum Product Owner (PSPO 1).**

Seeking roles mainly in Cloud Architecture, Application, Solution Architecture, Angular, React, Azure, AWS, .NET Core, Microservice, MVC, Azure DevOps, AI with Python, Data Analytics, Project Management, Scrum Master, SAFe Agilist

**PROFILE SUMMARY**

* **13 years** of rich experience in Application Architecture & designing of highly scalable systems using various Data Structures, SOLID principles, OOPs, TDD, BDD with exposure in requirement gathering, analysis and design

**Areas of Expertise**

* Architecture and Cloud Architect
* Cloud Native & Resilient Design
* Azure DevOps, AI with Python
* Azure and Amazon Cloud
* Microservice from Monolithic
* Docker in Cloud Resilient
* Agile Project Management
* Agile SAFe Implementation
* Product Roadmap Planning
* Coaching & Facilitating
* Agile Transformation
* Requirement Gathering
* Backlog Grooming
* People Management
* Agile Transformation
* Specialized in breaking Monolithic application as per DDD into cloud based stateful and stateless Microservices based on Twelve Factor App
* Designing Cloud Native, Ready and Resilient application architecture in Azure, AWS, Pivotal Cloud along with Docker implementation
* Experienced in event-based services using Azure Service Bus, Azure Message Queue, Amazon Simple Queue Service, RabbitMq etc.
* Azure Storage specially Azure DataLake Gen2 and Azure DataFactory integration with React or .net Core API
* Optimizing web application performance Vertically using distributed Caching, Redis, NoSql Db, MongoDb, Azure Cosmos Db and Horizontally by Multithreading async await, code optimization
* Implemented market leading Serverless architecture through Push Notification, Service worker, SignalR, gRPC etc.
* Developed various stateful and stateless Rest APIs using **ASP .Net** **Core 3.1**
* Integration opensource
* Cross platform experience into setting up cloud CI CD automatic pipeline using Azure Devops
* **.Net Core 6,** C#, HTML5, CSS3, Bootstrap, Web API, jQuery, Angular, WCF, Sql Server, MongoDB, MVC Core abstract logging framework and Serilog, JSNLog, RabbitMq, Redis, Docker
* Mostly product platform and 8 projects right from scratch
* Hands on in data processing, AI and ML with Python, analyse & forecast client development as per business using Splunk and power BI
* Experience of handling 2 teams of 10 member as **Agile Project Manager** in overall product roadmap by translating Agile roadmap into team specific PI planning and sprint planning
* **Certified SAFe® Agilist** / Agile Transformation Lead who has coached & mentored team members to develop agile capabilities self-organization
* Product Owner at client and organization to keep the backlog communicate updates communicate impediments and maintain release plan(s)
* Expertise in Agile Methodologies like Scrum, Kanban, Hybrid, Extreme Programming, SAFe, Less

**EMPLOYMENT DETAILS**

**Jan’22 – till Date: NttData Global, Bangalore as Architect**

**Jul’20 – Jan’22: Siemens Gamesa, Bangalore as Associate Architect**

**Oct’19 – Apr’20: Dell Product Inc. payroll of Capgemini, Bangalore as Principle Software Engg.**

**May’19 – Oct’19: HP R & D payroll of Wipro, Bangalore as Project Lead**

**Feb’15 – May’19: Accenture, Bangalore as Software Engineer Senior Analyst**

Jul’18 – May’ 19 Client – Sales Framework Product Platform as a part of myConcerto

Sep’17 - Jun’18 Client – Frontier Communications; ISP Broadband Provider

Sep’16 - Aug’17 Client – Newspage as a product consumed by companies namely Nestle, PMI, Unilever, PepsiCo

Nov'15 - Aug’16 Client – Drugstore and Walgreens chain of Business in Retail domain

Feb’15 - Nov'15 Client – Telenor in Telecom domain

**Oct’10 – Feb’15: Cognizant Technologies Solutions, Kolkata, West Bengal as Associate**

Oct'10 - Apr’13 Client – Reology (No. 2 Real Estate Company in USA), Travel & Hospitality Vertical, Real Estate Domain

Apr’13 - Feb’15 Client – Cambridge University, Information Media and Entertainment Vertical, Education Domain

**Significant Accomplishments**

* Leading organisation level best practices framework implementation setting up organisation wide standardisation for client service in NTTData 2023
* Several inhouse White Paper published in NTTData 2022
* Has been recognised with recognition points and external benefits for client appreciation in NTTData December 2022
* Acknowledged in **ACE Award, a milestone in Accenture in Apr’17**, which is a achievement award for a location among all the accounts and project for zero defect, zero escalation and outstanding team performance
* Bagged Recognition Points Programme several times for outstanding delivery skill
* Increased **First Time Right (FTR)** measures to 80% and reduced Cycle Time (CT) by 40% with decreased Lead time; delivered using the Agile SAFe methodologies
* **Recovered a project in trouble** as Customer Facing Delivery Manager through measures such as Responsiveness, Architectural corrections, automated white box testing with Veracode in Frontier
* **Mentored and coached** the project team on areas such as implementation of pure Scrum and Agile transformation; planned and integrated the work of multiple teams on a project; provided input on team performance and reward

**ACADEMIC DETAILS**

Pursuing MTech Data Science and Engineering, BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE Pilani

B.Tech. in Electronics & Telecommunication from Netaji Subhash Engineering College, Maulana Abul Kalam Azad University of Technology [formerly West Bengal University of Technology] in 2010 with DGPA 7.83 [CGPA 7.08 (70.8 %)]

**CERTIFICATIONS**

* AWS Certified Solutions Architect – Professional

[Verify](http://aws.amazon.com/verification) || <http://aws.amazon.com/verification> [Validation Number: **89KV1NK132F4QR3L**]

* Certified Technology Architect Associate by Accenture [**Globally 6500+** professional]
* [Scrum.org](https://www.scrum.org/) [Recipient Email Address: [biplabhome@gmail.com](mailto:biplabhome@gmail.com)]

[User Page](https://www.scrum.org/user/404509) || <https://www.scrum.org/user/404509>

* Professional Scrum Master I (PSM I) [Verify](https://www.scrum.org/certificates/373153) || https://www.scrum.org/certificates/373153
* Professional Scrum Master II (PSM II) [Verify](https://www.scrum.org/certificates/396866) || https://www.scrum.org/certificates/396866
* Professional Scrum Product Owner I (PSPO I) [Verify](https://www.scrum.org/certificates/395680) || https://www.scrum.org/certificates/395680
* [SAFe](https://www.scaledagileframework.com/) [Scaled Agile Framework for enterprise]
* Certified SAFe® 4 Agilist [Verify](https://www.youracclaim.com/badges/7ce0cd4c-ddbd-4a58-8920-7ab98b6387d3/public_url) || <https://www.youracclaim.com/badges/7ce0cd4c-ddbd-4a58-8920-7ab98b6387d3/public_url>

4 December 2018 - 1 Dec, 2020

* Certified SAFe 4 Practitioner [Verify](https://www.youracclaim.com/badges/8ecbf9d5-8693-4761-9de8-d519eb6c54e4/linked_in_profile) || <https://www.youracclaim.com/badges/8ecbf9d5-8693-4761-9de8-d519eb6c54e4/linked_in_profile>

20 September 2018 - 17 Sep, 2020

**TECHNICAL SKILLS**

* ASP.NET, MVC, .Net Core 6, C#, HTML5, CSS3, Bootstrap, Web API, Jquery, WCF, Sql Server
* Microservice Architecture design from Monolithic
* Docker & Microservice
* RabbitMq, Redis, Azure Event hub and Grid
* Cloud resiliency using Polly with Circuit breaker, Retry, Bulkhead etc.
* Azure and Amazon Cloud [AWS], Google Cloud, Pivotal Cloud Foundry
* Troubleshooting error and performance with structured data logging framework with Serilog, Azure App Insights, Sql profiler, Execution plan
* UI architecture and implementation using Angular & React
* Azure Dashboard and Monitoring, Budgeting
* Azure and AWS Security with Firewall, Ingress, VNet or VPC, gRpC, JWT token with token origin
* Publisher Subscriber, Client Server design with proper cloud design pattern like Distributed Saga, Repository, Choreography, Claim Check, Compensation Transaction etc.
* DB design for static, hot transaction or semi hot transactional data with RDMS or NoSql with Azure Cosmos, DynamoDb, MongoDb, Sql Server as a tool
* Git, Github, SVN, Bitbucket, TFS
* MOQ, MSTest/Visual Studio, NUnit
* Azure DevOps Automation
* AI with Python
* Data analytics using Splunk as a tool
* Specialty in Application and Integration Architecture
* Hands on Solution Architecture
* Hands on Stakeholder Management, Requirement analysis and design
* Scrum, Kanban, Extreme Programming
* Hands on Stakeholder Management, Requirement analysis and design

**Code Repositories**

* Very Simple example of WebApi implementing Cloud Native Architecture having capability to handle 10000 concurrent user with degree of parallelism having capability of controlling Task adhering KISS and DRY architectural principles balancing seven architectural concerns giving priority to Performance and Scalability, Extensibility over others. Since Cloud native Availability also assured. Using SOLID, Saga, Aggregator Root [AR], CQRS[Command Query Responsibility Segregation], Repository, DI[Dependency Injection], IOC pattern using EntityFramework Core[Code first], Swagger, Automapper in ASP .Net Core 3.1

<https://github.com/arindamdeyofficial/ArchitecturalShowcase>

* Perfect design with Solid principle <https://github.com/arindamdeyofficial/S.O.L.I.D.>

**Date of Birth**: 1st February, 1988 | **Languages Known**: English, Bengali and Hindi

**Address**: #108, Shri Balaji Ocean, Naranghata, Domsandra Chndapura Road, Bangalore - 560100

**~ Annexure Attached for Project Details ~**

**ANNEXURE**

**At NttData, Bangalore, Karnataka**

**Project: Criminal Record Analysis**

**Client:** NttData || **Period:** Jan’22 – till date || **Domain:** Government Public Sector || **Team Size:** 19

**Application:** Scratch Development (Agile Scrum with SAFe [Scaled Agile Framework for enterprise])

**Skill Used:** .NET6, Angular, Azure, Microservice, Docker, RabbitMq, Redis, jQuery, React, Mongo Db, Python package for Data Science

**Summary:** The project is about criminal record check and data analytics.

**Role:**

* Cloud Architect in Azure platform
* Operating Application Architect and Integration Architect and contributing towards Solution Architecture
* Also, Hands on coding for putting Architecture into project
* Agile Coach & Scrum Master for the organisational transformation
* Leading Scaled Agile Framework implementation at an enterprise level
* Leading and managing the project with a team of 19 people

**At Siemens Gamesa, Bangalore, Karnataka**

**Project: Weather Data Cleansing**

**Client:** Siemens Gamesa || **Period:** Jun’20 – Jan’22 || **Domain:** Renewable Energy || **Team Size:** 9

**Application:** Scratch Development (Agile Scrum with SAFe [Scaled Agile Framework for enterprise])

**Skill Used:** .NET Core 3.1, React, Azure, Microservice, Docker, RabbitMq, Redis, jQuery, React, Mongo Db, Azure DataLake Gen2, Azure DataFactory, Python package for Data Science

**Summary:** The project is about filling up weather forecast historical data with Data Modelling prediction and then predict whether for selection of proper turbine model with architecture and correct design pattern

**Role:**

* Cloud Architect in Azure platform
* Operating Application Architect and Integration Architect and contributing towards Solution Architecture
* Also, Hands on coding for putting Architecture into project
* Agile Coach & Scrum Master for the organisational transformation
* Leading Scaled Agile Framework implementation at an enterprise level
* Leading and managing the project with a team of 9 people

**At Dell Product Inc. Payroll of Capgemini, Bangalore, Karnataka**

**Project: Sales Vendor Framework**

**Client:** Dell Product Inc. || **Period:** Oct’19 - Till date || **Domain:** Vendor Sales || **Team Size:** 10

**Application:** Scratch Development (Agile Scrum with Kanban, XP and SAFe [Scaled Agile Framework for enterprise])

**Skill Used:** ASP.NET, MVC Core 3.0, Pivotal Cloud, Amazon Cloud [AWS], Microservice, Azure Cloud, Docker, RabbitMq, Redis, jQuery, React, Mongo Db, Azure Hosted DB, Splunk, MVC Core abstract logging framework and Serilog, Client-Side login With JSNLog and MongoDB, Request process and action component written in Python

**Summary:** The project is about revamping and redesigning several legacy applications, used by Dell vendors agents, into a cloud resilient architecture and correct design pattern

**Role:**

* Operating Agile Coach & Scrum Master, Solution Architect
* Hands on with code
* Imparting training reading Scrum with Kanban and SAFe on Agile at account level
* Leading and managing the project with a team of 10 people

**At HP R & D Payroll of Wipro, Bangalore, Karnataka**

**Project: Contractual Framework**

**Client:** HP R & D || **Period:** May’19 - Oct’19 || **Domain:** Sales || **Team Size:** 7

**Application:** Scratch Development (Agile Scrum and SAFe [Scaled Agile Framework for enterprise])

**Skill Used:** ASP.NET, MVC Core 2, Amazon Cloud [AWS], jQuery, Angular, Mongo Db

**Summary:** The project is about migrating applications, used by HP Ink agents and customers, into AWS cloud resiliency with proper architecture and design

**Role:**

* Operating as Project Manager, Application Architect and Integration Architect and as an Associate Solution Architect
* Leading Scaled Agile Framework implementation at enterprise level for newly grown account
* Imparting training reading Scrum and SAFe on Agile at account level
* Leading and managing the project with a team of 7 people as Project Manager

**Accenture, Bangalore, Karnataka**

**Project: myConcerto – Sales Platform [Automation Platform]**

**Client:** Accenture and 100+ vendors || **Period:** Jul’18 – May’ 19 [11 months] || **Domain:** Customer Sales [Pre Sales & Post Sales] || **Team Size:** 10

**Application:** Scratch Development (Agile Scrum and SAFe [Scaled Agile Framework for enterprise])

**Skill Used:** ASP.NET, MVC Core 2.1.2, jQuery, Angular, Mongo Db, Azure Hosted DB, Splunk, MVC Core abstract logging framework and Serilog, Client-Side login With JSNLog and MongoDB, Request process and action component written in Python

**Summary:** The project was about self-service website creation & deployment for Client Sales Agent. It managed entire request lifecycle of the Client Business follow-up and win customer. We have designed Cloud Native microservices using Azure.

**Role:**

* Cloud Architect
* Agile Project Manager, Agile Coach & Scrum Master
* Implementing Scaled Agile Framework at enterprise level for whole 800+ member account
* Imparting training reading Scrum and SAFe on Agile at account level
* Leading and managing the project with a team of 10 people as Agile Project Manager

**Project: Frontier Communications**

**Client:** Frontier Communication [Internet Service Provider in USA] || **Period:** Sep’17 – Jun’18 || **Domain:** Telecommunication || **Team Size:** 5

**Application:** Scratch Development (Agile Scrum)

**Skill Used:** .NET Framework 5, MVC 5.0, C#, WEB API 2, Microservices Architecture, SQL Server 2014

**Summary:** The project entailed chain of application being migrated into new WEB API Manager Microservices

**Role:**

* Operated as Scrum Master and headed a team of 5 people as Offshore Lead
* Played service-oriented architect role with Onshore Senior Manager as Chief Architect
* Facilitated design and architecture of manager level application,
* Maintained & delivered all the technical documents as a part of delivery in absence of whole application wiki

**Project: Newspage**

**Client:** Accenture Product Consumed by big clients all over the world for sales & distributor management e.g. Nestle [Foodchain], PMI[TobaccoBrand], Unilever[Daily Consumer Goods chain], PepsiCo [Drinks Chain] & so on

**Period:** Sep’16 – Aug’17 || **Domain:** FMCG & Retail || **Team Size:** 9

**Application:** Scratch Development (Agile Scrum)

**Skill Used:** .NET Framework 5, MVC 5.0, C#, HTML, CSS, JQUERY (JavaScript Library), Angular Js, SQL Server 2014

**Summary:** The project aimed at enhancing and developing new modules of existing product Newspage.

**Role:**

* Managed a team of 9 people as Scrum Master
* Acted as SME of existing tool enhancement and Member of application architecture team
* Trained, guided and groomed the new joiners in the team

**Project: Drugstore Mobile Site**

**Client:** Drugstore || **Period:** Nov’15 – Aug’16 || **Domain:** Retail || **Team Size:** 46 || **Application:** Scratch Development (Agile Scrum)

**Skill Used:** .NET Framework 4.5, MVC 4.0, C#, HTML, JavaScript, AJAX, CSS, JQUERY (JavaScript Library), Oracle 10g, Richrelevance, Hooklogic, foresee third party, JavaScript, Plugins, Old Business Logic through C++, COM component, very loosely coupled architecture by Dependency Injection

**Summary:** The project aimed to develop mobile application for all chain sites of Drugstore.

**Role:**

* Monitored team of 5 people as an Application Architect and Scrum Master
* Acted as SME of several internal tools and managed onsite offshore communication

**Project: Channel Integration**

**Client:** Telenor, World’s one of the leading giant Telecommunication Company

**Period:** Feb’15 – Nov’15 || **Domain:** Telecommunication || **Team Size:** 8 || **Application:** Scratch Development (Agile Kanban)

**Skill Used:** .NET Framework 4.5, MVC 4.0, C#, WCF, HTML, JavaScript, AJAX, CSS, JQUERY (JavaScript Library), (JQGrid, jTemplate, AutoComplete, Form, UI Plug-in & so on) and BizTalk, SSRS, SQL Server 2012

**Summary:** The project aimed to integrate all the channels of sales marketing to new product structure. For that all existing 54 application will have a change. It was a very complex business to maintain.

**Role:**

* Worked as Member of Application Architecture and Business Overview team
* Trained and groomed new joinees as the project was just in its design phase
* Operated as a Product Owner of several applications with onsite offshore communication
* Facilitated QA and code deployment for some applications

**At Cognizant Technologies Solutions, Kolkata, West Bengal**

**Project: A2C Transport & Messaging Sltn**

**Client:** Cambridge University || **Period:** Apr’13 – Feb’15 || **Domain:** Education & Publishing, Information Media & Entertainment || **Team Size:** 13 || **Application:** Scratch Development (Agile Scrum)

**Skill Used:** .NET Framework 4.5, MVC 4.0, C#, HTML, JavaScript, AJAX, CSS, JQUERY (JQGrid, jTemplate, AutoComplete, Form) and BizTalk, SQL Server 2012

**Summary:** The project aimed to develop A2C Transport & Messaging Sltn. It was basically a dashboard for all other existing and legacy applications of Cambridge University for exam centres.

**Role:**

* Acted as Scrum Master and led a team of 10 people
* Operated as a Member of Application Architecture Team and managed onsite offshore communication
* Facilitated QA and code deployment for some applications

**Project: Title Resources Underwriter Engine (TRUE)**

**Client:** Reology - TRGC (Title Resource Guaranty Company)-under TRG (Title Resource Group) Umbrella

**Period:** Oct’10 – Apr’13 [2 year]

**Domain:** Real Estate, Travel & Hospitality || **Team Size:** 18 || **Application:** Scratch Development (Agile Scrum and Extreme Programming)

**Skills Used:** .NET Framework 4.0, MVC 3.0, C#, HTML, JavaScript, AJAX, CSS, JQUERY, SQL Server 2005 & 2008

**Summary:** TRUE application was Real Estate new generation underwriting software, useful for internal business users of TRGC for tracking new policy generation to claim, reinsurance, accrual, reports etc.

**Role:**

* Operated as junior member of application architecture team
* Assigned and maintained SQA defects with integration of business-logics