Name

Aditi Mandal
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Experience Summary

- I am an Associate at Tata Consultancy Services for the last 8 years and 6 months of work experience in software design, development, application support and enhancement.
- I have worked in the Utilities, CMI domain.
- My technological fortes are ASP.NET Core, ASP.NET MVC, Angular, Microsoft Azure Development, Azure DevOps, Terraform, Azure PowerShell, Microsoft SQL Server, JavaScript, jQuery.
- Currently I am working on ASP.NET Core, Web API, Angular, Microsoft Azure Development and have extensive experience in KnockoutJS, SQL Queries, HTML5 & CSS3.
- I am Committed to provide high quality, professional service by taking up challenging assignments and enhancing team spirit at the workplace aimed to meet and exceed corporate and personal goals.

Technology

Below is a list of important Operating Systems, Languages, Development Tools, Technologies and Databases that I have worked in.

Software Products	Tools	Methods
OS - Microsoft Windows XP Professional, Microsoft Windows 7, Microsoft Windows 8	Microsoft Visual Studio 2022, Visual Studio Code, Azure DevOps, Azure PowerShell, SQL Server Management Studio, JIRA, Octopus, Bamboo, Sitecore, BMC Remedy, Microsoft Azure Portal, Talend ETL tool.	AGILE & WATERFALL

Qualifications

Degree and Date	Institute	Major and Specialization

Graduation - 2014	College of Engineering and Management, Kolaghat	B.Tech in Electronics & Communication Engineering.
Higher Secondary - 2010	KTPP High School	Science Stream

Project Thesis

Project Title	AGL
Tools used	Microsoft Azure Portal, Azure DevOps, Sitecore, Microsoft Visual Studio 2022, Visual Studio Code, Azure Powershell, Azure Storage Explorer, Octopus, Bamboo, GitHub, JIRA, NewRelic, SQL Server Management Studio
Description	Working as ASP.NET Core, Angular, Microsoft Azure, SQL developer
Responsibilities	• Design and Development of APIs, Frontend UI, functional features • Code Review and Unit testing • Automation and Integration • Feature Enhancement • Defect fixing • Daily Standup • Production Support

Assignments

AGL is the largest Australian Gas and Electricity Retailing and Generation Company, with over six million customers. It has large investments in the supply of gas and electricity and has recently invested in sustainable energy businesses such as wind farms and a hydroelectric power station in Victoria's High Country.

TCS's role is to provide overall service management, managing & developing new enhancements or Projects, building new applications or services as well as production support and vendor Management.

The details of the various assignments that I have handled are listed here, in chronological order.

Project	CDR and Digital Wholesale APIs Development
Customer	AGL Australia.
Period	03/03/2022 – Till Date
Description	AGL Energy provides gas, electricity, solar PV and related products and services to more than 3.6 million customer accounts across Australia. The Energy Portal is developed to provide business valuable insights about customer profile and it leads to overall improvement of Customer Satisfaction and Problem Management in AGL Digital Site.
Responsibilities	I am responsible for: O Design and Development of Consumer Data Rights(CDR) and Digital Wholesale APIs, functional features, Frontend UI for AGL Wholesale Applications O Code Review and Unit testing O Feature Enhancement O Defect fixing O Deployment O Coordination with QA team O Daily Stand up to discuss on the functionalities and improvements O Building Deployment Pipelines
Solution Environment	ASP.NET Core 6, Web API, Microsoft Azure Development, C#, Angular, SQL Server Management Studio, Azure DevOps, Terraform, Azure PowerShell
Tools	Microsoft Visual Studio 2022, Azure DevOps, Microsoft Azure Portal, Visual Studio Code, SQL Server Management Studio, GitHub

Project	Digital APIs Development **(Onsite Role, Melbourne)**
Customer	AGL Australia.
Period	03/01/2020 – 25/02/2022 **(2 years 2 months)**

Description	AGL Energy provides gas, electricity, solar PV and related products and services to more than 3.6 million customer accounts across Australia. The Energy Portal is developed to provide business valuable insights about customer profile and it leads to overall improvement of Customer Satisfaction and Problem Management in AGL Digital Site.
Responsibilities	I am responsible for: **O** Design and Development of Digital APIs, functional features, frontend UI for AGL My Account Portal **O** Code Review and Unit testing **O** Feature Enhancement **O** Defect fixing **O** Deployment **O** Coordination with QA team **O** Daily Stand up to discuss on the functionalities and improvements **O** Building Deployment Pipelines
Solution Environment	ASP.NET Core 5, ASP.NET MVC, Web API, Microsoft Azure, C#, Angular, SQL Server Management Studio, Azure DevOps, Octopus, Bamboo, HTML, CSS
Tools	Microsoft Visual Studio 2019, Azure DevOps, Microsoft Azure Portal, SQL Server Management Studio, Octopus, Bamboo, GitHub

Project	Energy Portal Enhancement as part of Express Train
Customer	AGL Australia.
Period	01/06/2019 – 31/12/2019
Description	AGL Energy provides gas, electricity, solar PV and related products and services to more than 3.6 million customer accounts across Australia. The Energy Portal is developed to provide business valuable insights about customer profile and it leads to overall improvement of Customer Satisfaction and Problem Management in AGL Digital Site.

Responsibilities	I am responsible for:
	O Design and Development of functional features
	O Code Review and Unit testing
	O Defect fixing
	O Deployment
	O Coordination with QA team
	O Daily Stand up to discuss on the functionality and improvement
	O Building Deployment Pipeline
Solution Environment	.NET MVC, Web API,SQL Server Management Studio, Octopus, Bamboo, HTML, CSS
Tools	Microsoft Visual Studio 2017, SQL Server Management Studio, Octopus, Bamboo, GitHub, Microsoft Azure Explorer

Project	Digital Gemcast Operation
Customer	AGL Australia.
Period	19/06/2018 – 31/05/2019

Description	AGL Energy provides gas, electricity, solar PV and related products and services to more than 3.6 million customer accounts across Australia. Customer can choose different plan available in AGL site, can see their usage, cost on daily, weekly, monthly, quarterly basis based on their selection and make payment via bank account, wallet, sms etc.
Responsibilities	I am responsible for: O Development and Operation BAU and support activities Worked as Application Developer O Enhancing Digital platform experience to the customers O Supporting Digital application as part of the Operation Team O Engaged different Automation area and delivered some key values to customer O Worked to identify the root cause and enhancement to fix the issue O Configuring Non-Prod Environments and sync with Production environment.
Solution Environment	.NET MVC, Web API, Azure Storage Explorer, AngularJS, Sitecore, Azure Resource Management Services, Octopus, Bamboo, NewRelic
Tools	Microsoft Visual Studio 2017, Azure Storage Explorer, Sitecore, Octopus, Bamboo, GitHub, JIRA, NewRelic, SQL Server Management Studio

Project	Unionline portal.

Customer	Union Gas Ltd.
Period	01/07/2016 – 18/06/2018
Description	Union Gas is a major Canadian natural gas supply company and supplies gas in northern, southwestern and eastern Ontario. Unionline is a secure web-based transaction and information portal that provides contract customers (large commercial and industrial, storage and transportation, and energy marketers) with the ability to conduct business with Union Gas online. The portal is having features like - View and Accept Contracts, Request and Accept Balancing Transactions, Submit and Receive File Transfers, Provide Upstream Capacity Clearinghouse feature, Download DP and Distribution Consumption Measurement, View Invoices, Enter Forecast details, Compose Unionline Messages, Manage Unionline Administration, Unionline Dashboard etc.
Responsibilities	I am responsible for: ○ Design and Development of functional features through User Stories ○ Code Review and Unit testing ○ Defect fixing ○ Co-ordination with QA team ○ Followed Waterfall method ○ Ad hoc performance analysis and improvements
Solution Environment	C#, ASP.NET MVC, KnockoutJS, NHibernate, WCF, Html5, SASS/COMPASS.
Tools	Microsoft Visual Studio 2015, SQL Server Management Studio, TFS.

Project	Appointment Booking Portal
Customer	Affinity Water Limited
Period	20/12/2015 – 30/06/2016

Description	Appointment Booking portal is now a complete website which offers common people (end customers) to lodge a service request, register complain and book an appointment for many other reason . The portal itself analyses the request type and assigns a work order to a service person depending upon his availability and expertise. The portal is developed in .Net MVC, WCF Services, HTML5, Bootstrap, jQuery and SQL server in backend.
Responsibilities	I was responsible for: - Design and Development of functional features - End to end development of some major and important functionalities involving frontend, service layer and backend coding - Code Review and Unit testing - Defect fixing - Deployment - Coordination with QA team - Writing Solution Design document - Daily Standup to discuss on the functionality and improvement
Solution Environment	ASP.Net MVC, C#, WCF services, SQL Server Management Studio, Bootstrap, jQuery.
Tools	Microsoft Visual Studio 2015, SQL Server Management Studio, TFS for code base, WCFTestClient, Fiddler.

Project	Customer Self Serve
Customer	Affinity Water Limited
Period	20/12/2014 – 19/12/2015

Description	Affinity Water is a water supply company and supplies water across central, east and southeast regions of England. Customer Self Serve is the online portal for Affinity Water customers where one new customer can register for a new account or existing customers can login and view account balance and make secure online payments, check meter reading, view bills, manage account. The portal is having other features like – Moving home (in which customer can move in, out of or within company's supply area), Report a leak (in which customer can report about a leak in company's supply area), view Water Resources (in which customer can view company's ground water levels) etc.
Responsibilities	I am responsible for: • Design and Development of functional features through User Stories • Code Review and Unit testing • Defect fixing • Co-ordination with QA team • Followed Waterfall method • Ad hoc performance analysis and improvements
Solution Environment	C#, ASP.NET MVC, Entity Framework Code First Approach, Web Services, Bootstrap, SQL, JavaScript, HTML, CSS.
Tools	Microsoft Visual Studio 2012, SQL Server Management Studio, SVN

Project	TCS ILP Training.
Customer	TCS.
Period	25/09/2014 – 19/12/2014
Description	As a part of TCS ILP, I had been trained in C++, UNIX, Oracle Database technologies in TCS Hyderabad. During the training period, I had worked on different projects based on C++, MVC, HTML, CSS, and JavaScript. I had also been trained in different team buildings and client handling activities, delivering presentation to the clients in good and effective manner.

Responsibilities	I was responsible for 　Delivering project based on C++
	○ Working on hands on code related to C++, MVC, HTML, CSS, and JavaScript. ○ Was trained in delivering effective presentation to clients ○ Involved in team building activities, business skill session ○ Involved in guiding others to develop code. ○ Developed a project as a part of learning.
Solution Environment	Unix, Oracle Database, C++, MVC, JavaScript, Html, CSS.
Tools	Microsoft Visual Studio 2012, Unix, Oracle Database.

Key Competencies & Skills

My Competency Profile and my soft skills includes the following

Skill	Proficiency
Developer	ASP.NET Core, ASP.NET MVC, Web API, SQL, Microsoft Azure, Angular
Communication Skills	Possess good written, verbal and presentation skills. Can communicate technical information to non-technical personnel effectively.
Interpersonal Skills	Able to get along well with the teammates.
Hard Working	Able to deliver all targets on time and with the best of effort.
Time Management Skills	Able to achieve goals and targets set within the given timeframe.

Training / Continuing Education Summary

Program or Course	Coverage	Dates

Certification: AZ-900: Microsoft Azure Fundamentals	Microsoft Azure Fundamentals	23-Jan-2021
Process : ITIL 2011Foundation_Foundation	IT Infrastructure Library Basics	02-Dec-2018
Process : Agile Way of Working Foundation	Basics of Agile Methodology	04-Jun-2016
Foundation : ASP.NET 4.5	Advance of ASP.NET 4.5	09-Sep-2016
Digital : Python_Foundation	Basics of Digital: Python	03-Jan-2017
Digital : Microsoft Azure_Intermediate	Basics of Digital: Azure	17-Nov-2016
CLI Commence : Business English Certification	Principles of Business English	04-Jul-2019

Awards and Recognition Summary

Award	Dates
On The Spot Award	01-Aug-2022
Contextual Master Award	09-May-2022
Service & Commitment Award	25-Sep-2019
Service & Commitment Award	25-Sep-2017
On The Spot Award	01-Apr-2016
On The Spot Award	27-Jul-2015

Personal Details

Date of Birth	01-Sep-1992
Nationality	Indian

Passport Details

Name as on passport	Relationship	Passport Number	Date of Issue	Expiry Date	Place of Issue

ADITI MANDAL	MARRI ED	L8078428	25/03/2014	24/03/2024	KOLKATA