



# PRAKASH CHANDRA

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<https://info-prakash.github.io/>

## Objective

A dynamic position in an organization where I can contribute to the success of the organization and simultaneously enhance my skills, strengths and overall portfolio.

## Synopsis

- More than 10 years' experience in Microsoft Technologies.
- Good exposure on TFS with GIT, VSS, SVN and VMS Server Management.
- Good experience with docker containerization with Azure Kubernetes service.
- Good experience of Web Application, Web Services, Web API, SQL- Script, Windows & WPF Application, JavaScript Frameworks Backbone Js, React and Angular.
- Good experience in design pattern, SQL Script and queries Optimization.
- Good knowledge of web security issues and how to resolve vulnerabilities of a web application.

## Education

UTTARAKHAND TECHNICAL UNIVERSITY, DEHRADUN

**Master of Computer Applications** in 2012.

KUMAUN UNIVERSITY, NAINITAL

Bachelor's degree in science (**Physics, Chemistry, Mathematics**) in 2009.

## Experience

- DAMCO SOLUTIONS PVT. LTD  
**Technical Architect** - July-2015 to till date.
- MELSTAR INFORMATION TECHNOLOGIES LTD.  
**Software Engineer** - Sept-2014 to Jun-2015.
- IAP COMPANY PVT.  
**Programmer** - May-2013 to July-2014
- GCPL TECHNOLOGIES PVT LTD  
**Software Engineer** - Jan-2012 to April-2013

# Technical Skills

- Microservice architecture with TDD, .NET 6.0, ASP.NET Core, Entity Framework Core, Web API, Ocelot Gateway, Swagger, Docker and Kubernetes.
- MVC with Razor View, ASP .NET with C# and VB, WCF, Web Service, and Entity Framework.
- CI/CD pipeline deployment. Azure App Services and Container Apps deployment.
- Windows Application and WPF Application.
- TypeScript, jQuery, Backbone JS, Angular JS, Angular 2, and Cordova Hybrid application.
- Crystal Reporting, SSRS Reporting, and Telerik Reporting.
- SQL SERVER Management Studio tools and SQL scripts.
- Visual Studio editor and tools.
- TFS with Git, VSS, and SVN servers.
- Basic HTML5, CSS-3, XML.

## Projects

### ❖ MRI IoT Hub (Feb 2022 – Till Date)

The MRI IoT Hub is a multi-tenant SaaS solution. This automates the data collection process, centralizing real-time data for IoT devices like Alarm, Legionella, Action Button, and DampMould on a secure and scalable platform. This helps uncover actionable insights that improve operational efficiency and help you create greater customer experiences.

This application is developed using Angular with Kendo UI controls, Okta SSO, .NET 6 APIs, Azure Bus service, Redis cache, and Microsoft Workflow Foundation custom controls for third-party integrations. This environment is deployed in Azure App Services and Container Apps with Azure Container Registry docker images.

#### **ROLES & RESPONSIBILITIES:**

- Working as a Technical Architect and senior developer.
- Design and develop Angular Client application.
- CI/CD pipeline deployment with Azure App Services and Container Apps.
- Direct client interaction to get an understanding of requirements.

#### **ENVIRONMENT:**

Microservice architecture with TDD, PostgreSQL, SQL Server, .NET 6 APIs, Entity Framework Core, Angular, Azure Bus Service, Redis Cache, Signal R, Visual Studio 2022, SQL Server 2022, IIS 10, and Docker container.

### ❖ FSI DREAMSCAPE (April 2016 – Feb 2022)

FSI Dreamscape is a software platform for Web Application development. Providing flexibility and agility, users can build fully customized web application solutions, extending the functionality of both Concept Evolution™ and third-party integrated system. This is a web-based web application development project that is developed using client-side JS framework backbone JS, Microsoft Workflow foundation and MVC 5 Architecture. Backbone JS is used for strong UI development with SPA (single page application) development and with AURA Architecture. For implementation of server-side logic, Microsoft Workflow foundation used to create reusable custom nodes for this application.

#### **ROLES & RESPONSIBILITIES:**

- Working as a Technical Lead.
- Web App and Admin module design.
- Development and unit testing of the modules.
- HTML5 web controls design and development with backbone js.
- Design Microservice architecture with TDD and used ASP.NET Core, Entity Framework Core, Web API, Ocelot Gateway, Swagger, Docker.
- Direct client interaction and get an understanding of new requirements and design and development and lead the team in complex areas.

#### **ENVIRONMENT:**

Microservice architecture with TDD, ASP.NET Core, Entity Framework Core, Web API, Ocelot Gateway, Swagger, MVC 5, Entity Framework 6, jQuery, Backbone JS, Visual Studio 2019, SQL Server 2014, IIS 8, and Docker container.

#### **❖ FSI GO PLUS (November 2014 – March 2016)**

FSI GO is a software platform for Mobile Application development. Providing flexibility and agility, FSI GO enables the creation of fully customized mobile solutions, extending the functionality of both Concept Evolution and third-party integrated systems. FSI GO supports mixed environment Smart Phones and tablets, plus bring your own device. The FSI GO platform comes with a range of pre-designed template applications. Mobile applications are built via the fully web-enabled Management Portal.

#### **ROLES & RESPONSIBILITIES:**

- Worked as a Senior Software Engineer.
- Web App module design.
- Development and unit testing of the modules.
- HTML5 mobile controls customization with backbone JS and Angular 2.

#### **ENVIRONMENT:**

MVC 5, Web API, Entity Framework 6, jQuery, Backbone JS, Angular 2, Visual Studio 2013, SQL Server 2014, IIS 8.

#### **❖ SME AUTOMATION (September 2014 – October 2014)**

SME Automation is a company rating software system. Using this application, we can add and modify a rating case for sales users and operation users. This case is then forwarded to the different users such as IQA NSIC operation users using workflow and this whole workflow is monitored by the higher management department using the dashboard. This application relates to a mobile application (SME PDA) as well.

#### **ROLES & RESPONSIBILITIES:**

- Working as a Software Engineer.
- Involved in analyzing the requirement.
- Development.

#### **ENVIRONMENT:**

MVC 4, Visual Studio 2012, SQL Server 2012, jQuery, IIS 8.

#### ❖ **e-SPAN (SOCIAL SECURITY PENSION SCHEME)** (May-2013 – July-2014)

This is an MIS system of pension program (old-age pension, widow pension, and disability pension) of the Uttarakhand State govt. social welfare department. This web application makes all department manual office work automated. This system makes a fast-reporting system for lower levels (District User) to a higher level (Directorates). And helpful for beneficiaries to get information about their pension with the help of different services IVRS, SMS, Mobile Apps, and the Internet.

##### **ROLES & RESPONSIBILITIES:**

- Worked as a programmer.
- Involved in analyzing the requirement.
- Developed Business logic classes, objects, interfaces, generic collections, and asp.net controls.
- Created tables, stored procedures, views, and triggers as per the requirement of the application.
- Develop web services for e-payment, e-TALL, IVRS, and mobile application services.
- Resolve web security-related issues during security audits and resolve them.
- Real-time support for end-user.

##### **ENVIRONMENT:**

Visual Studio 2008, SQL Server 2005 & 2008R2, ASP [dot]net with C# and VB using ADO [dot]Net, WCF, Web Services, Crystal Report, MS Chart, Ajax, [dot]Net Framework 3.5.

#### ❖ **e-AIMBL** (November 2012 – May-2013)

This is small banking system which is worked in North India. In this system we have three type of account Saving Account, Recurring Account, Fixed Deposit Account. We have made a MIS software for Internal department and small personal customer profile for view status of account.

##### **ROLES & RESPONSIBILITIES:**

- Worked as a Software Engineer.
- Web Application module design.
- Development.

##### **ENVIRONMENT:**

MVC 3, Visual Studio 2010, SQL Server 2008R2, jQuery, IIS 7.

#### ❖ **AIL MANAGEMENT SYSTEM** (April 2012 – May-2013)

This web application is developed for a finance company that has a different kind of agent for marketing and this application is manage their commission and manages the maturity of a public shareholder of this company. And payment process of maturity of shareholder, a commission of agents, TDS generation System for this company, Director or admin-level reporting system and having a different module for office working program.

##### **ROLES & RESPONSIBILITIES:**

- Worked as a Software Engineer.
- Involved in analyzing the requirement.
- Developed Business logic classes, interfaces, generic collections, and asp.net controls.
- Created tables, stored procedures, views, and triggers as per the requirement.
- Create reports with Telerik Report.

##### **ENVIRONMENT:**

Visual Studio 2010, SQL Server 2008R2, ASP [dot]net with C# ADO [dot]Net, WCF, Telerik Report.

# Personal Details

PAN -	AYOPC8600N
Date of Birth -	02 June 1989.
Father's Name -	Gopal Datt.
Gender -	Male.
Address -	C/o Lalit Sharma D-140, Gali No.1, Sonia Vihar Delhi-110094.

## Declaration

I hereby declare that all the above details are furnished and true to the best of my knowledge.

Place: New Delhi  
Date: \_\_/\_\_/2023

PRAKASH CHANDRA