

# Mahesh Sirsat

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## SAP BTP Consultant

Around **1.6 years** of professional experience in SAP BTP with **Global Certifications** as a **Development Associate in SAP Cloud Application Programming Model (CAPM) and SAP Fiori Application Development**.

Expertise in designing **freestyle Fiori applications** integrated with SAP backend systems, implementing **Role-Based Access Control (RBAC)**, and managing user roles and authorizations. Skilled in developing and exposing **OData services**, creating and maintaining **CDS views**, and **deploying applications on SAP BTP using Cloud Foundry**. Proficient in **SAP BTP administration**, including authentication mechanisms, XSUAA roles, and **SAP Build Work Zone** technology.

Successfully handled **end-to-end support** for a project involving **both CAPM and Fiori**, managing **requirements gathering, solution design, development, and delivery for a client**.

**Consistently recognized for excellence by clients, project managers, and stakeholders** across diverse business sectors, with multiple appreciations for delivering quality solutions and ensuring client satisfaction.

## Skills

**SAP BTP** – Fiori/UI5 , CAPM (Cloud Application Programming Model), SAP BTP Administration, Business Process Automation (Workflow), Sap Build Work Zone

**Programming Languages**– Python

**API**– Rest API

**Tools** : Jira ,Postman, Business Application Studio.

## Experience

Organization	Duration	Role
IBM	October 2023 - Present	SAP UI5 / Fiori BTP Consultant

## Achievements

**Client** : Received appreciation for optimizing the *Letter of Credit* project, reducing turnaround time for AGEL from 10-15 days to 7-12 days and for ANIL from 15-20 days to 9-14 days per request. (February 2025)

**Business Manager**: Recognized for a can-do attitude, positivity, and dedication that contributed to team and project success (December 2024)

**Manager**: Appreciation for time, efforts, work, and dedication (December 2024)

**Colleague**: Recognized for exceptional work, continuous upskilling, and being a valuable team member (September 2024)

**Client, Project Manager, Business Manager, and Delivery Partner Manager**: Appreciation for the ShopFloor Automation – Blade project during its first client presentation (May 2024)

**Manager**: Appreciation for work, efforts, and achieving project milestones (April 2024)

**Business Manager**: Recognition for great work on the NFA Enhancement Support Project (March 2024)

**HackerRank**: Achieved a 5-star ranking in Python.

## Certificates

SAP Certified Development Associate - SAP Fiori Application Developer

SAP Certified Associate - Backend Developer - SAP Cloud Application Programming Model

Learn SAP CAPM - Udemy

Python - Hacker Rank

## Projects

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### #1. Letter of Credit (Amendment) – (IBM) (January 2025 - February 2025)

**Client:** Adani Group

**Role :** SAP BTP CAPM UI5/Fiori Consultant

**Tools & Technology :** SAP UI5/Fiori, CAPM, WorkZone, Job Scheduler, Mail Trigger

#### Roles & Responsibilities:

- **Extension of the Letter of Credit project (Stage 2)**, which included developing **three applications from scratch** for enhanced functionality.
- **Implemented Role-based Content Access**, ensuring secure and personalized access for users based on their roles.
- **Developed and integrated an Approval Flow in CAPM**, enabling **user-specific approvals with automated mail triggers**..
- **Integrated ServiceNow** for **streamlined workflow management** and better service request handling..
- **Provided end-to-end project support**, from **requirement gathering to solutioning, development, UAT, and production deployment**.
- Implemented **job scheduling and auto-mail triggers**, improving automation and reducing manual intervention.

### #2. Letter of Credit - T & M Support (IBM) (November 2024 - Present)

**Client:** Adani Group

**Role :** Sap BTP UI5/Fiori Consultant

**Tools & Technology :** SAP UI5/Fiori, CAPM ,Flask(Python), WorkZone

#### Roles & Responsibilities:

- Provided **end-to-end support**, including client requirements gathering, solutioning, development, UAT, and code deployment in production, focusing on both frontend (**UI5/Fiori**) and backend (**CAPM**).
- Delivered comprehensive support for the Letter of Credit, addressing bug fixes and client-requested enhancements in both frontend and backend.
- Developed and delivered solutions within tight deadlines, followed by thorough User Acceptance Testing (UAT).
- Collaborated with **ABAP** and **MM** teams for integration with external services and functionality.
- Implemented automation features, such as **triggering auto-mailing** based on user actions and **job scheduling** for periodic email notifications.
- Received **client appreciation** for efforts in improving functionality and providing effective support.

### #3. ShopFloor Automation – Blade T & M Support (IBM) (September 2024 - Present)

**Client:** Adani Green Energy (AGEL)

**Role :** Sap BTP UI5/Fiori Consultant

**Tools & Technology :** SAP UI5/Fiori, CAPM ,Flask(Python)

**Roles & Responsibilities:**

- Provided **comprehensive support** for the SFA Blade application, focusing on bug fixes and client-requested **enhancements**.
- **Interacted with clients** to gather requirements, clarify issues, and manage expectations.
- Delivered development solutions within **tight deadlines**, followed by thorough User Acceptance Testing (UAT).
- Conducted **training sessions** for **end users** to ensure smooth daily operations and better application handling.
- Monitored application performance and proactively **resolved issues** to maintain reliability.
- **Documented** best practices and created user manuals for the application to support future maintenance

**#4. ShopFloor Automation – NHD (IBM) (September 2024 – December 2024)**

**Client:** Adani Green Energy (AGEL)

**Role :** Sap BTP UI5/Fiori Consultant

**Tools & Technology :** SAP UI5/Fiori, CAPM ,Flask(Python), Jira

**Roles & Responsibilities:**

- **Advanced version** of the ShopFloor Blade application with increased complexity and enhanced features.
- Maintained and extended functionalities from the ShopFloor project, including **dynamic content loading**, role-based access, and conditional content management.
- Designed and developed more advanced features to **handle multiple roles** and complex workflows.
- Developed an out-of-the-box **PDF microservice** in Python using Flask, flask\_cors, djlint, pytz, and xhtml2pdf libraries, integrated with SAP Fiori via SAP BTP destination.

**#5. ShopFloor Automation – Blade (IBM) (March 2024 – September 2024)**

**Client:** Adani Green Energy (AGEL)

**Role :** Sap BTP UI5/Fiori Consultant

**Tools & Technology :** SAP UI5/Fiori, CAPM , Sap Business Process Automation,Flask(Python),Cloud Identity Service ,Postman,Jira

**Roles & Responsibilities:**

- Created **freestyle applications** with dynamic content loading based on conditions by consuming OData services from the backend.
- Implemented **Role-Based Access Control (RBAC)** for secure access to applications.
- Developed various applications, including:Template Master,Defect Management App,User Management App,Dashboard using freestyle techniques.
- Designed and deployed a User Management App **synchronized with Cloud Identity Services**, enabling user creation, role assignment, and role unassignment from the Fiori application, integrated with Adani user data in Cloud Identity Service.
- Introduced **manual lazy loading** to optimize performance and reduce load times.
- Developed an out-of-the-box **PDF microservice** in Python using Flask, flask\_cors, djlint, pytz, and xhtml2pdf libraries, integrated with SAP Fiori via SAP **BTP destination**.

- Created and maintained **defect management functionalities**, including raising, repairing, closing, and deleting defects in CAPM.
- Implemented SAP **Workflow** to trigger **email notifications** based on specific conditions.
- Received appreciation from the team lead, project manager, Business Manager, client, and delivery team for outstanding contributions.

#### #6.NFA Support (IBM) (February 2024-March 2024)

**Client:** Adani Enterprises

**Role :** Sap BTP UI5/Fiori Support

**Tools & Technology:** SAP UI5/Fiori, JavaScript

#### **Roles & Responsibilities:**

- Loaded PDF data using **OData services**.
- Generated PDFs using **jsPDF** and **Print.js** libraries.
- Got **appreciation** from Business Manager for exceptional contribution and dedication.

#### Education

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**ZEAL COLLEGE OF ENGINEERING & RESEARCH** - B.tech in Computer Engineering(SPPU University)( JUNE 2023) - 8.92(CGPA)