

# Mohamed Afsal

Senior Developer | SAP BTP Consultant

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As an SAP BTP Technical Consultant and Software Engineer, I have firsthand experience in designing, building, deploying, and maintaining both cloud and non-cloud solutions. I played a key role in the development and certification of multiple projects including two SAP-BTP-certified add-ons. With my expertise as a Full Stack developer, I have gained hands-on experience in various technologies, Gateways, and APIs over the 5.5 years of corporate experience and involvement in multiple projects. Currently engaged as Senior Developer in SAP Labs India Pvt. Ltd, Bangalore.

## Skills

|                                       |   |           |
|---------------------------------------|---|-----------|
| SAP HANA Smart Data Integration (SDI) |    | Very Good |
| SAP BTP, MTA, RAPM, CAPM              |  | Very Good |
| UI5                                   |  | Good      |
| NodeJS                                |  | Very Good |
| ABAP                                  |  | Very Good |
| cPanel, Server maintenance, Cron job  |  | Very Good |
| SQL                                   |  | Very Good |
| JavaScript, jQuery                    |  | Very Good |
| HTML, CSS, Bootstrap                  |  | Very Good |
| PHP                                   |  | Very Good |
| Docker                                |  | Good      |

## Work History

2023-11 - Current

### Senior Developer

SAP Labs India Pvt. Ltd., Bangalore

- Working as a Senior Developer focused on Cloud Application Programming Model (CAPM) in BTP

2021-11 – 2023-10

## **Consultant/Software Engineer (Contract)**

*Innoval Digital Solutions Pvt. Ltd., Trivandrum*

- Rejoined the organization (Same month) on a contract basis following my resignation from a permanent role to pursue MCA studies.
- Played a crucial role in developing and certifying OptiSuiteC, an SAP-BTP-certified Add-On.
- Held a key position in designing, developing, and deploying the SAP BTP SaaS add-on, "OptiSuiteC".
- Developed and integrated multiple modules of OptiSuiteC including the Duty and License module and NodeJS application.
- Created and deployed Docker images in MTAR to effectively manage dependency issues on the BTP Cloud Foundry.

2018-11 - 2021-11

## **SAP BTP Technical Consultant | Software Engineer**

*Innoval Digital Solution Pvt. Ltd., Trivandrum*

- Played a significant role in the architectural design of the organization's inaugural SAP Cloud solution, "OptiEXIMc."
- One of the Early adopters of SAP BTP (SAP Cloud / Steampunk then)
- Proficiently managed transport requests, ensuring smooth deployment and efficient implementation of system changes.
- Led the implementation of the CLIN module.
- Implemented the duty module for imports Successfully developed and implemented the obligation module for exports.
- Designed various prints for EXIM

2018-01 - 2018-08

## **Team Lead | Software Engineer**

*Shuan Tech Pvt. Ltd., Alappuzha*

- Successfully developed and launched an e-commerce web application within a tight timeframe of three months, despite limited resources.
- Integrated payment and SMS gateways, enhancing the application's functionality and user experience.
- Managed client communications effectively, ensuring clear and prompt responses to inquiries and concerns.
- Coordinated with third-party service providers, such as domain, server, SMS, and payment gateways, to establish seamless integration and reliable service.
- Demonstrated strong project management skills by successfully handling all aspects of web application development, from conception to implementation.

## Projects

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### K3

K3 is a first-of-its-kind project in IVL where we used SAP HANA Smart Data Integration (SDI) in all possible ways to make use of its capability to process tens of millions of records within the span of minutes.

**Technical stack:** SAP HANA Cloud • SAP HANA SDI • NodeJS • BAS.

**Client:** Air India

### OptiSuiteC - SAP Certified BTP Add-On - SaaS

OptiSuiteC is an SAP Add-On handling business documentation and compliance reporting for Enterprise customers in India, covering business processes in International trade (Exports, Imports) and Indirect Taxation (GST, E-Way Bill).

OptisuiteC is built on SAP BTP. The project also incorporated different other technologies like NodeJS and AWS for optimal performance and ultimate user experience.

**Technical stack:** ABAP • NodeJS • Docker • MTAR • S4HANA public cloud • PIPER (CI/CD) • CSS • HTML.

### OptiEXIMc – Certified SAP BTP Add-On

Details: <https://www.ivldsp.com/products/optieximc/>

**Technical stack:** SAP Cloud Foundry • ABAP • jQuery • NodeJS • HTML • CSS.

**Client:** BASF India

### DigiTCS

DigiTCS is an automated solution available on the SAP cloud, which enables businesses to gear up for the expanded Tax Collected at Source (TCS) regime by using technology.

**Technical stack:** SAP cloud Neo • MTAR.

**Client:** Ernst & Young Global Limited (EY)

### Xemarks

Details: <https://www.ivldsp.com/products/xemarks/>

**Technical stack:** Ext Js • NodeJS • Dynamo DB • Google Maps API.

**Client:** Kotak Mahindra Bank

### Scot Wilson

Mar 2018 – Jun 2018 (3 months)

Scot Wilson is a Single vendor e-commerce web application integrated with the PayUMoney Payment gateway and Text Local SMS gateway.

**Technical stack:** PHP • MySQL • jQuery • HTML • CSS • Bootstrap • and 3rd party APIs.

**Client:** Scot Wilson Inc.

## Education

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2021-11 – 2023-09

**Master of Computer Applications (MCA): Computer Science**

*Nirmala College - Muvattupuzha*

- Independently created an online Treasure Hunt platform for the department fest CAMEO 2022, hosted in March 2022.
- Solely designed and implemented an online registration and management portal for Cameo 2023.
- Held the esteemed position of Coordinator for Cameo 2023, overseeing all aspects of the event's planning and execution, which took place in January 2023.
- Demonstrated strong leadership skills by conducting informative sessions on web development and deployment, empowering fellow students with essential knowledge in the field.
- Recognized with a distinguished appreciation award for exceptional contributions and accomplishments.

**2014-08 - 2017-05**

## **Bachelor of Computer Applications (BCA): Computer Science**

*Acharya's Bangalore B-School - Bangalore*

- Authored and published a research paper titled "BIG DATA: AWARENESS AND OPTIMAL USAGE" in GJESR (Global Journal of Engineering Science and Research) with the ISSN 2348-8034, with an impact Factor of 4.022.
- Achieved the prestigious title of National Champions in TechRadiance '17 competition.
- Actively participated in the NAAC accreditation process at Acharya's Bangalore B-School.
- Spearheaded the successful launch of a web portal for club registration and activities at ABBS (Acharya's Bangalore B-School).
- Skillfully coordinated a diverse range of events, including workshops, seminars, cultural programs, and other engaging activities.

**2012-06 - 2014-03**

## **12th: Commerce With Computer Applications**

*Devadhar Higher Secondary School - Tanur, Malappuram*

- Designed and launched "CAVE," a pioneering software tool catered specifically to PUC (Pre-University Course) students, and successfully marketed it to the target audience.
- Orchestrated various department-level and school-level events, demonstrating exceptional organizational skills and the ability to coordinate diverse teams.
- Actively served in the National Service Scheme, actively contributing to community engagement and social welfare initiatives.
- Engaged in a wide range of social service activities, showcasing a commitment to making a positive impact on society.

**2011-06 - 2012-03**

## **10th**

*JMHSS, Parannekkad - Tirur, Malappuram*