

# Saksham Agrawal

FULL STACK DEVELOPER

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## ABOUT ME

I am a full stack developer with 3+ years of experience in developing applications in cloud environment. I aspire to learn and work with new and innovative technologies.

## SKILLS

Node.js

★★★★☆

Java

★★★★☆

Springboot

★★★★☆

Microservices

★★★★☆

React

★★★☆☆

SAP UI5

★★★★☆

CAP CDS

HANA DB

SQL

Mongoose

## ACCOMPLISHMENTS

- The first deployment of MDCS, a microservices-based product, in the cloud.
- Migrated live tenant database containers from one container service to another without any downtime, which allowed no interruption in the consumers' work during or after the migration.
- Developed a persona-based application for the Physio app project which allowed different personas to do their role-specific job using the application.

## AWARDS

- 1 Honor award – For successfully migrating tenant data containers from one container service to another without any downtime
- 1 Celebration award – For completing the first deployment of MDCS on SAP BTP
- 2 Honor awards – For preparing MDCS for the first demo to probable consumers in a limited time
- 1 Honor award – For taking part in the VT exchange program and for completing Physio App

## EXPERIENCE

### SAP Labs India Pvt. Ltd., Bengaluru

*Scholar | Aug 2019-Present*

#### Specification Management

*Full Stack Developer | July 2022-Present*

Technologies: SAP UI5 Fiori Elements, CDS Modelling, CAP Java, HANA, SAP BTP, Springboot

Key Achievements/Tasks:

- Created two web applications with CDS Modelling, CAP Java, and SAP UI5 Fiori Elements
- Done status management for six applications with interdependencies

## EDUCATION

### M.Tech. – Software Engineering

*Birla Institute of Technology and Science,  
Pilani, India*

2019-Present (till June 2023)

### Bachelor's in Computer Application

*Chandigarh University, Mohali, Punjab,  
India*

2016-2019

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## TOOLS

Whitesource(mend)

Fortify

Splunk

Datadog

Git

Postman

## LANGUAGES

English | Hindi

## INTERESTS

Programming | Food | Billiards | Cricket | Anime

## EXPERIENCE

### Ariba Master Data Service

*Full Stack Developer | May 2020-July 2022*

Technologies: Springboot, Microservices, Node.js, SAP BTP, Kubernetes

Key Achievements/Tasks:

- Tenant onboarding in a multi-tenant database
- Cloud services integration in the project
- Accomplished first-ever deployment of a microservices-based product in the cloud
- Built a prototype SaaS application on SAP BTP for testing the cloud services integration
- Application deployment using Blue Green deployment in the XSA Hana Cloud environment
- Integrated analysis tools to project – Whitesource(mend), Fortify, Jacoco, Sonar, Checkstyle

### Physio App

*Full Stack Developer | July 2020-March 2021 (Part-time)*

Technologies: SAP UI5, Node.js, HANA, SAP BTP, Cloud Foundry

Key Achievements/Tasks:

- Built an end-to-end web application and deployed it on the cloud

### Bluestone

*Full Stack Developer | September 2019-May 2020*

Technologies: SAP UI5, Node.js, Cloud Foundry

Key Achievements/Tasks:

- Developed an Admin Portal for the project