

# Pavan Kumar Koikur Sudhakar

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## WORK EXPERIENCE

### SAP Labs India Pvt Ltd

Developer Associate

August 2015 - August 2018  
Bengaluru, India

- **Development of Manage Customer and Supplier Master Data Application**  
Developing SAP Fiori Smart Template applications to access the central master data, and relevant functionalities by using SAP ABAP, Javascript, SAP Fiori, OData services, and S/4 HANA Database.
- **Screen-based test Automation of Customer Master Data Application using START and ECATT tools**
- **Business Partner, and Product Master API's**  
Developed Business Partner, and Product Master REST API's with CRUD support for 3<sup>rd</sup> party integration.
- **SAP S/4 HANA SET Content delivery**  
Worked as a functional expert in Business Partner, and Product Master topics for S/4 HANA CLOUD. This also involved in interacting with customers to understand and respond to their needs for future Cloud delivery.
- **Integration of Business Partners with Smart Healthcare Devices (Fellowship)**  
Aimed at demonstrating the power of S/4 HANA for IoT use cases by linking the smart devices to Business Partners and generating the customized health reports using SAP UI5, Javascript.

### IMRB International

Student Intern

April 2014 - May 2014  
Bengaluru, India

This project was aimed at giving real-life Business and Technical exposure to students. It involved in understanding the operations of MSME, their challenges, and finding the technology-led solutions for them. This project was run in collaboration with Microsoft India.

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## TECHNICAL SKILLS

- **Languages:** Python, Java, SAP ABAP, C, C++, NodeJS, Javascript, AngularJS, TypeScript, HTML5, CSS
- **Database Systems:** Oracle, SQL Server, MongoDB
- **Other Skills:** Rest API, SOAP, OData, Business Object Processing Framework (BOPF), Core Data Services (CDS), Git, Python-Flask
- **Operating Systems:** Windows, Linux, Android

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## EDUCATION

### **California State University, Fullerton**

Master of Science in Computer Science

August 2018 - Present

**Current GPA - 3.85**

### **Visvesvaraya Technological University, India**

Bachelor of Engineering in Information Science

September 2011- May 2015

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## HONORS

Received "Most Valuable Player" award from S/4 HANA Master Data Management LoB of SAP Labs Pvt. Ltd. for my outstanding performance in FY 2016-17.

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## PROJECTS AND PAPER PUBLICATIONS

- **Research/Survey Paper** **October 2013**  
Presented paper on "Alert System for Railway Track Breakdown" aimed at making the Railway Tracks safer using IoT at National Conference on "Electronics, Computers, and Computations (NCECC - 2013)".
- **Developed a Decentralized access control application** **April 2015**  
Built an application to demonstrate the working of Decentralized access control with anonymous authentication using Java.
- **Recommendation System using SVD, Cosine Similarity, Matrix Factorization** **Fall 2018**  
Developed a user-based movie Recommendation System in Python using Singular Value Decomposition, Cosine Similarity, Matrix Factorization algorithms.
- **Developed Spam Detection using Random Forest algorithm** **Fall 2018**  
Built spam detection and classification system in Python using Ling-Spam Dataset based on the Random Forest algorithm to filter out the spam messages.
- **Developed Plan My Workout App in React JS** **Spring 2019**  
Workout planning application to learn the capability of reactjs to develop webapps.