

# Prabhasa Kalkur

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Supply Chain Business Processes Consultant at SAP America, Inc. since Jun 2021. On H-1B Visa since Oct 2022.

## EDUCATION

**Master of Science in Electrical Engineering**, Texas A&M University (TAMU), USA. **GPA: 3.9/4** **Dec 2020**  
**B.E. in Electronics & Communication**, R.V. College of Engineering (RVCE), India. **GPA: 9/10** **May 2016**

## SKILLS

**SAP Tools:** Integrated Business Planning (IBP) | Business Technology Platform (BTP) | Integration Suite (CI-DS, CI)  
**Languages & Tools:** Python | SQL | APIs (REST, OData) | Postman | C | Tableau | Git | NumPy | pandas | Matplotlib  
**ML Frameworks & Libraries:** PyTorch | scikit-learn | Keras | TensorFlow | Stable Baselines 2.0 | Tensorforce

## EXPERIENCE

**Supply Chain Business Process Consultant**, Logistics Planning & Procurement **Jun 2021 - Present**  
**SAP America, Inc.**, Global Delivery Hub (GDH), *Newtown Square, PA, USA*

- Deliver custom supply chain planning solutions to SAP's 'Max Success Plan' customers, supporting at all levels of implementation of SAP's Integrated Business Planning (IBP) solution along with SAP's Integration Suite for IBP.
- Work with customers to architect, build, configure, customize, and improve their supply chains in SAP IBP through proof-of-concept (PoC) and implementation projects, and further engage in services to identify issues & provide RCA.
- Provide expertise in SAP IBP modules such as IBP for Demand, IBP for Inventory, and IBP for Supply Planning.
- Provide expertise in connecting SAP IBP to tools/systems with SAP Integration Suite (SAP CI-DS/CI, OData APIs).

## PROJECTS

**SAP IBP Demand Planning: Whirlpool (Consumer Goods)**, SAP America, Inc. **Feb 2026 - Apr 2026**

- Built end-to-end Demand Planning PoC solution for their US Cooking & Laundry division using SAP IBP for Demand.
- Utilized AI features such as Automated Outlier Correction, Rules-based Master Data, advanced Forecasting Algorithms.
- Provided custom configuration to address pain points & meet business user stories, working parallelly on data integration.
- Delivered a 2-week workshop to their business and IT teams, including hands-on sessions on planner activities.
- Achieved a 15% improvement over their existing solution in overall forecast accuracy at multiple planning levels.

**SAP IBP Integration: International Foods & Flavors (Food)**, SAP America, Inc. **Sep 2025 - Dec 2025**

- Supported full-cycle implementation (UAT, VTO, Technical / Business Go-Live) of Demand & Supply Planning in IBP.
- Advised on the system configuration required to set up their food & beverage business in the United States.
- Received an 'SAP Spotlight' award for "strong sense of ownership & collaboration."

**SAP IBP Integration: Suncor (Energy)**, SAP America, Inc. **Sep 2024 - Dec 2024**

- Led the implementation of an end-to-end Integration flow from SAP S/4HANA & BW to SAP IBP using SAP CI-DS.
- Configured custom solutions to accommodate their extensive petrochemical business across North America.
- Assisted in designing functional specifications and creating technical specifications for the customer.
- Received an 'SAP Keep The Promise' award for "working beyond scope and delivering under tight timelines."

**SAP IBP Supply Planning: Coca-Cola (Beverages)**, SAP America, Inc. **Jan 2023 - Apr 2023**

- Delivered a supply planning PoC using planned orders from SAP IBP Order-Series Optimizer.
- Configured many out-of-the-box solutions such as Source of Supply Selection, Periodic Lot Sizing, Fair Share, etc.
- Demonstrated several benefits over their current legacy solution, resulting in a successful IBP license purchase.

**SAP IBP Inventory Planning Consultant: J&J (Pharmascience)**, SAP America, Inc. **Sep 2022 - Nov 2022**

- Built a PoC for Multi-Echelon Inventory Optimization of Johnson & Johnson's Pharma and MedTech LoBs.
- Demonstrated satisfactory inventory numbers & budget requirements, resulting in a successful IBP license purchase.

**Intern, CoE Supply Chain Planning & Innovation**, SAP America, Inc. **Mar 2021 - Jul 2021**

- Implemented a Pattern Optimizer for a client using GurobiPy APIs to detect production line patterns (SAP BTP).
- Used Linear Programming to dynamically recommend profit-maximizing production plans (SAP IBP for Response).
- Developed a machine learning model for plan generation using Deep Reinforcement Learning (TensorFlow).

## **COURSEWORK**

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Optimization Theory, Probability & Statistics, Data Structures & Algorithms, Machine Learning, Reinforcement Learning.

## **LEADERSHIP**

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- SAP Pan-Asians NSQ: Volunteer & Participate at SAP's Social Inclusion Events. Received an 'SAP Thank' Award.
- Navodaya Kannada Koota (NKK): [Secretary](#) of a non-profit Indian sub-community in Greater Philly, Mar 2024-2028.
- Indian Graduate Student Association (IGSA): VP of Editorial & Mentoring, TAMU, Oct 2018 - May 2020. Series [here](#).
- ECE Graduate Student Association (ECE-GSA): External Officer, TAMU, Oct 2018 - Oct 2019. Article [here](#).