



Sushant Joshi



Bachelors Of Engineering
University of Pune
2002 - 2006

**Masters in
Distributed Systems**
SJSU, CA
2009 - 2010

**Sr Software
Engineer**
Walmart, CA,
2012 - 2014

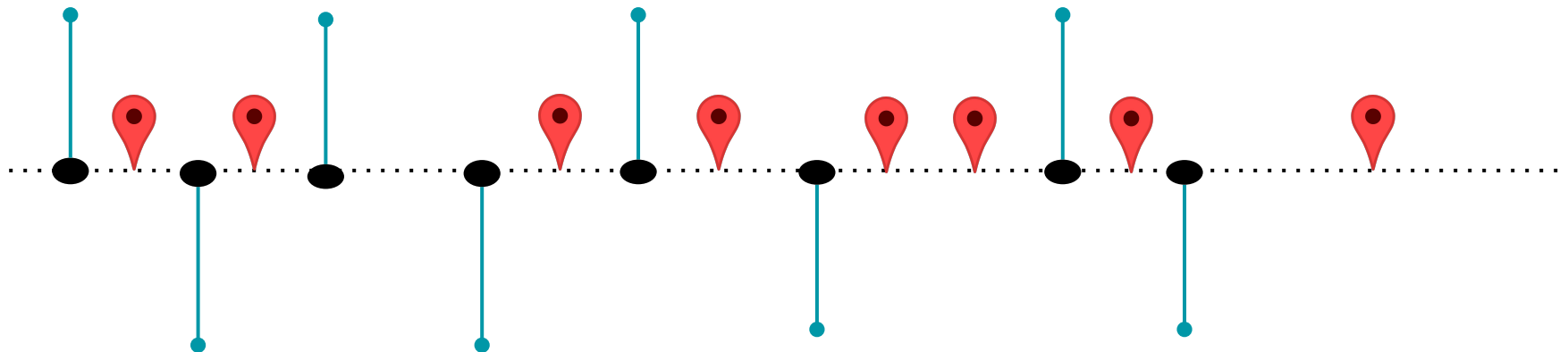
**Masters in
Data Science**
UC Berkeley, CA
2021 - 2023

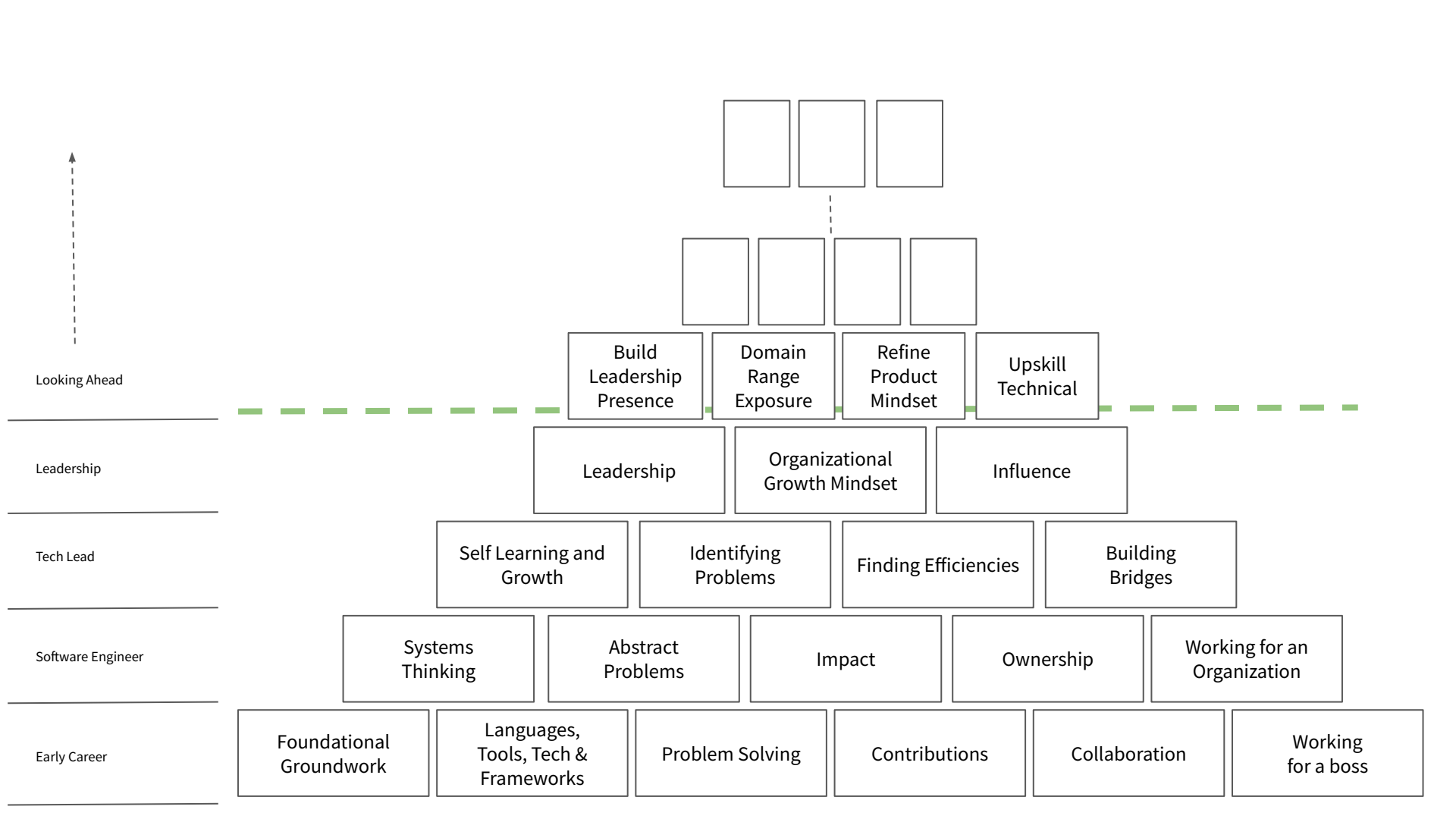
**Software
Engineer**
TechM, India,
2006 - 2008

**Software
Engineer**
Yahoo, CA,
2010 - 2012

**Staff Software
Engineer**
Walmart, CA,
2014 - 2019

**Principal Software
Engineer**
Walmart, CA,
2019 - 2024





Work Portfolio

- Personalizing E2E Customer Journey
 - Homepage, Search, Product Page, Cart, Checkout, Post Transaction
 - General Merchandise and Grocery Platform
- Customer Understanding
 - Implicit and Explicit Preferences
 - Historical Context and Session Context
 - Brand, Price, Category, Seller Preferences, Delivery Methods
 - Build and Leverage Customer Persona
- Trifecta of Search, Ads and P13N
 - Competing priorities and KPIs
 - Lift, CTR, ATC, Conversion, AOV, CLTV, CPC, ROAS
- Collaboration
 - Product | Program | Software Engineers | Data Science | Data Engineering | Business | Customers / Clients | Quality Assurance | Technical Leads | Architects | Leadership | Management | Engineering Partners | Front End

- 12 BFCM
 - Zero Downtime
 - Within SLA
 - Scalable API
 - on-prem
 - Hybrid
 - Public cloud
- Unified Personalization API
 - Multi-Tenant API
- Grocery Personalization
 - Smart Substitutions
 - Post Transaction Recommendations
 - Built a novel A/B Testing Framework
 - Predictive Basket Experience
 - Customer's Perception and Impact
 - High Precision for Recommendations
 - Infinite Scroll
- My First Data Science Model
 - Cosine, Jaccardian, Hamilton
- Getting a direct report out of PIP

Deep Dive

Grocery Personalization

*Smart Substitutions,
Predictive Basket, Favorites,
Dynamic Ranking and Infinite
Scroll, Similar and
Complementary Products,
Stock Up, Reorder Your
Essentials, Unified API,
Sponsored Ads, Search
Reranking*

Streamlining ClickStream

*Re-design and re-implement
the clickstream data
consumer flow to close
significant gaps in
Attributions and Model
Feedback.*

International Markets

*Extending personalization
platform to onboard
international markets -
Canada and Brazil on to a
Unified Platform.*