

BILWASIVA BASU MALLICK

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Education

The Ohio State University. Fisher College of Business

Columbus, Ohio

Master of Business Administration (MBA)- STEM designated (Consulting, Strategy)

Aug 2025 - Apr 2027

Award: MBA Leadership Fellow, Graduate Assistant. **GRE- 336** (V-166, Q-170), GMAT FE-685, **GPA- 3.9/4**

Activities: Consulting Club, AI Forum. **Coursework:** Strategy, Leadership, Business Lab Challenge, Six Sigma
BITS Pilani **India**

Master of Engineering (ME), Bachelor of Engineering (BE) in Computer Science

CS Dept Rank - 1st — CGPA: 9.6/10

Work Experience

KLA

May 2026 – Aug 2026

AI Consultant Intern

Ann Arbor, Michigan

- Accelerated AI evolution with **10-agent autonomous workflows** converting bug report, feature request to Git code.
- Led enterprise AI governance for **1.5M+** nodes over 15 databases configuring **500** role policies to reduce risk by **92%**.
- Deployed org-wide AI knowledge-management system architecting **\$0 infrastructure cost** operational Agentic RAG.
- Established **AI adoption** publishing 4 reusable Claude Code skills for citizen-developers, compliant environment setup, onboarding, CI/CD pipelines, embedding **33 review heuristics**, **6 approved registries**, **15+ enterprise systems**.

Amazon

Feb 2021 - Aug 2025

Principal Applied Scientist

Bengaluru, India

- Defined 2024 AI Strategic Roadmap for 4 organizations (Retail, Devices, Prime Video, AWS); authored 45 business cases; secured VP-level approval for 12 key initiatives (PR/FAQ), directly influencing operations planning, resource allocation.
- Spearheaded the "RecRainbow" commercial strategy, deploying an Agentic AI personalization engine for Amazon Ads.; **led 15-member cross-functional team** of MLEs in **enhancing user dwell time by 53%**, **CTR by 44%** for Ads.
- Directed GenAI roadmap for Amazon Pay serving **70M** customers; integrated Anthropic Claude LLMs on AWS Bedrock multi-agent AI workflow to automate customer queries, **reduced operation expense by 3X**, **resolution time by 5X**.
- Launched patented multi-modal AI product to accelerate product matching & optimize inventory ranking; outperformed legacy systems with **14.5X better capital efficiency**, **9X lower latency**, driving **15% QoQ increase in revenue**.
- Managed end-to-end product lifecycle for an Enterprise Knowledge Retrieval (RAG) system; **streamlined 500k+ daily** real-time queries for AWS Documentation, achieving **87% CSAT score**, **94% user retention rate** at **0.4ms** latency.
- Designed and deployed an automated promotion-monitoring system for retail webpages, achieving **99.6% accuracy** in identifying **27% conversion** of Ads product placements; **eliminating 2400+ hours** of manual validation work in US.
- Enhanced customer experience for **250 million** MiniTV users, improving asset utilization, lifting engagement by **21%**.
- Mentored 51 engineers, led talent development, change management for 7 teams establishing vision for AI product data.

Oracle

Jan 2019 - Jan 2021

Senior Applied Scientist

Bengaluru, India

- Executed a 4-quarter strategic roadmap for next-gen automation platform spanning 5 business units, accelerating **25% faster time-to-delivery**, shortening release lead time from 16 to 7 weeks, mitigating go-to-market/GTM time by **16%**
- Pioneered the product strategy for 4 healthcare data verticals in Cerner healthcare org, **shipping 4 major features & 15+ enhancements** across **8 agile sprints**, contributing to a **\$20M Annual Recurring Revenue (ARR)** portfolio.
- Facilitated strategic initiatives of **9 enterprise-level** solutions for **42 international clients**, generating **\$20M ARR**.

Skills

Consulting: Digital Transformation, Strategic Planning, Due diligence, Market Entry Strategy, Client advisory, Operating Model Design, Business Process Optimization, Synergies Assessment, Value Chain Analysis, Zero-Based Budgeting (ZBB)

Strategic Leadership: Client Handling, Planning, Organizational Change Management, Conflict Resolution, Negotiation

Product Management: MVP, problem solving, requirements gathering, Lean Six-sigma, Value proposition, product data analytics, market research, Go-to-Market (GTM), product market fit, UX research, cross-functional collaboration, OKR/KPI

AI/ML Strategy: Generative AI, LLM Productization, RAGs, Frontier model lifecycle management, ML system design, A/B testing, Data Governance, Responsible AI, Distributed computing, ML Infra, Experimentation, AI Safety & Guardrails

Product Strategy: Product Lifecycle Management, Product Roadmapping, Vision Crafting, Strategic Planning, Launch

AI: Statistics, Machine Learning, Deep Learning, NLP, Transformers, Multimodal AI, Reinforcement learning, Agentic AI

Tools: Python, C/C++, Java, SQL, R, PyTorch, TensorFlow, Tableau, PowerBI, Cloud (AWS/Azure/GCP), Agile/Scrum

MBA: Financial modeling, DCF, Powerpoint, quantitative research, Stakeholder Management, Operations, Risk mitigation

Business acumen: Budgeting, Executive Storytelling, C-Suite presentation, pricing strategy, communication, FP&A, P&L

Functional: Prompt Engineering, ROI Analysis, Forecasting, Data-Driven Decision Making, Operational Efficiency, M&A

Awards & Achievements

- Received **Amazon Employee of the Quarter** award 4 times across Prime Video, Music, Kindle orgs globally. **2023**
- Achieved the **2nd Prize** in ProdCon 22 in entire India for pitching the prototype of my Think Big idea. **Nov 2022**
- Won **Star Performer Award**, **Budding Star Award** recognition in entire Org across US & India **Amazon**. **2021**