

Siddharth Bobba

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EDUCATION

Purdue University

Aug. 2024 – May 2028

B.S. in Computer & Information Technology and B.S. in Economics GPA: 3.72/4.00

West Lafayette, IN

- **Relevant Coursework:** Object-Oriented Programming, Database Fundamentals, Enterprise Data Management, Statistical Methods, Systems Analysis & Design

EXPERIENCE

Lockheed Martin Corporation

May 2026 – Present

AI & Cloud Intern

San Francisco, CA

- Built a RAG chatbot over internal JSON data sources, making Lockheed data instantly queryable for 150 staff across 20 teams
- Built an AI agent that curates and summarizes daily AI and technology developments into personalized digests for staff
- Helped a cloud-optimization team cut \$2M+ in cloud overspend by removing underutilized AWS resources across 90+ Aeronautics environments (Docker, OpenShift, EC2)

Data Science Intern

May 2025 – July 2025

- Built a Python LLM app turning weekly briefs from 50+ managers into digests for 100+ directors and VPs
- Cut 1,000+ hours of manual reporting via 10+ Tableau dashboards in an internal financial-systems overhaul
- Fed those dashboards with a REST API pipeline that eliminated manual data entry

World Wildlife Fund

Aug. 2025 – May 2026

Data Science Researcher (ManglarIA, The Data Mine)

West Lafayette, IN

- Architected components of a GCP BigQuery + Dataplex lakehouse for a mangrove-conservation project across 80+ sensors
- Designed ingestion for weather, water-quality (CTD), and camera-trap data via Cloud Functions and Cloud Run
- Standardized data with BigQuery schemas and Dataplex governance, shipping 5+ Terraform IaC improvements

Boilermaker Consulting

Jan. 2026 – Present

Consultant

West Lafayette, IN

- Sized a 630K+ student market and segmented it into 3 buyer archetypes for a K-12 edtech client
- Led the Arkansas workstream on a 6-person team, owning go-to-market and analysis of 8+ providers
- Built a replicable market-entry framework the team reused across a 5-state expansion

PROJECTS

Reputwise | *Python, LLMs, Stripe, Railway*

Oct. 2025 – Present

- Built an AI review-management SaaS: LLM-drafted replies, Google/Yelp import, and live Stripe billing
- Engineered provider failover so the app stayed available when one LLM API hit rate limits

Bay Area Radar ↗ | *TypeScript, Cloudflare Workers, LLMs*

Jun. 2026

- Built an event-intelligence service that ranks events and sends LLM-personalized email digests
- Deployed on Cloudflare Workers with a scheduled cron Worker running end to end

DeDuper ↗ | *Swift, CoreML, Vision*

May 2026 – Present

- Built and shipped a native, fully on-device macOS photo de-duper using a local CoreML/Vision model (perceptual hashing + best-shot selection); free and open source

TECHNICAL SKILLS

Languages: Python, SQL, R, TypeScript, JavaScript

Data & AI: LLM application development, pandas, NumPy, ETL / data pipelines, Tableau, data modeling

Cloud & Infrastructure: GCP (BigQuery, Dataplex, Cloud Functions, Cloud Run), AWS (EC2), OpenShift, Cloudflare Workers, Terraform, Docker, REST APIs

Tools: Git, Excel, PowerPoint

LEADERSHIP

Purdue Outing Club: Head Climbing Officer directing 150+ participant events and \$7K+ in recurring funding |

Honors: Eagle Scout | Alpha Kappa Psi Technology Committee