Likhith Ramesha

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2+ years at Qualcomm and internship experience at Coupang, turning user needs into roadmaps and working software. Built backend services, data pipelines, and AI workflows with Python, Java, and SQL for engineering teams.

EDUCATION

Purdue University **Expected May 2027**
M.S. Engineering Management (Specialisation: AI & Product Management), GPA: 3.7 *West Lafayette, IN*

BMS College of Engineering (Top 25 in India) **July 2023**
B.E. Information Science & Engineering, GPA: 3.8 *Bengaluru, India*

EXPERIENCE

Coupang Inc. (Fortune 150 / South Korea's Leading E-commerce platform) **June 2026 - August 2026**
AI & Software Intern *Mountain View, CA*

- Interviewed the five highest-spend internal teams about their AI workflows and compute needs, then ranked feature priorities by business value to guide roadmap and resource decisions.
- Defined AI usage, spend, latency, and quality metrics for an initiative involving 20+ teams, then built Python telemetry and a React dashboard to bring those measures into engineering and director-level reviews.
- Integrated scikit-learn scoring for response quality and factual safety with model-drift flags and human-review tools. Built team-specific wrappers to troubleshoot API and telemetry issues.

Qualcomm Inc. (Global Leader in Semiconductors & Wireless Technology) **August 2024 - August 2025**
Product Manager *Bengaluru, India*

- Owned requirements, roadmap, and backlog for an ML compute-demand platform built on millions of daily job logs. The platform supported about $4M in annual infrastructure savings.
- Shaped a planning tool for 10+ concurrent roadmap scenarios and reviewed mockups with executive users to refine requirements. The platform cut capital planning from about four weeks to two.
- Designed a recursive MySQL model for drill-downs and rollups across 130+ chip programs, with approximately 35% fewer reconciliation errors. Built Python ETL pipelines for millions of daily LSF job logs.

Qualcomm Inc. **July 2023 - August 2024**
Software Engineer *Bengaluru, India*

- Built Java/Spring Boot state-machine services with Hibernate and MySQL to reject invalid transitions for 12+ engineering teams. Added Python dependency checks to detect migration blockers.
- Connected engineering workflows to ServiceNow through REST APIs and two-way webhooks, automating 500+ ticket operations a month. Built Angular views to help teams track migration status across sites.
- Surveyed developers about migration bottlenecks and turned feedback into integration requirements and cutover runbooks, helping deliver a platform with 40% faster cross-site transitions.

PROJECTS

Caterpillar | AI & ML Data Analytics and Forecasting | *Technical Product Manager* **January 2026 - May 2026**

- Led a nine-person Purdue team, turning plant stakeholder needs into requirements, backlog priorities, paint-material forecasts, and Power BI views. The team reported forecast error below 9% WMAPE in evaluation.

Boxsy.ai | Purdue University | *Lead AI Developer (external pilots)* **August 2025 - December 2025**

- Built LangChain tool-calling workflows with Perplexity retrieval and structured GPT-4/Claude responses, and connected VC pilot teams' databases through FastAPI with fallback and throttling.

SKILLS

Product & Research: User interviews, roadmaps, PRDs, user stories, KPIs/OKRs, prototyping, Figma
Backend & Data: Python, Java, SQL, Spring Boot, FastAPI, REST APIs, MySQL, PostgreSQL, ETL, Power BI
AI & Tools: LangChain, RAG, tool calling, LLM evaluation, scikit-learn, React, Angular, Docker, Git, Jira

LEADERSHIP & AWARDS

JacHacks SF - 1st Place, Open Track, $1,500 Team Prize (July 2026): Team won for Recall, a smart-glasses prototype that shows live captions and saves conversation details in a graph so users can revisit them later.
Outstanding Teaching Assistant Award (May 2026): Corporate Partners TA, The Data Mine, Purdue University.