

# MEGHA BHASKER

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## Technical Skills

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**AI & LLMs:** Anthropic Claude, OpenAI, Amazon Bedrock, RAG, Vector Embeddings (Amazon Titan, OpenSearch), Prompt Engineering, Fine-tuning (QLoRA, LoRA), Multi-model Routing, Responsible AI Guardrails, Evaluation

**Agentic AI:** LangGraph, LangChain, ReAct loops, Multi-agent Systems, Tool-calling, MCP (Model Context Protocol), Conditional Routing

**Prototyping & Tools:** Cursor, Bolt, Claude Code, Figma, Streamlit, Next.js, React, NestJS, Docker, Kubernetes, Redis, PostgreSQL, Python, SQL, Git

**Product:** Platform PM, 0-to-1 launch, API & system design, functional spec writing, telemetry & observability, customer discovery, OKRs, stakeholder alignment, executive presentations, cross-functional team leadership

## Work Experience

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### EarthDefine LLC

Jun 2024, Present

*AI Product Manager, AI Platform & Automated Workflows*

*Redmond, WA*

- Designed and shipped a **production autonomous routing engine**, 5 geocoding providers, 8 self-healing fallback strategies, real-time confidence scoring, override escalation logic; boosted match success **18%** and cut API latency **20,35%**
- Shipped a **RAG-powered API documentation chatbot**, Amazon Titan Embeddings, OpenSearch vector store, Claude 3 Haiku; natural language queries return citation-linked results; became primary developer support channel
- Defined **responsible AI guardrails**, failure modes, confidence floor thresholds, escalation policies; authored functional specs as single source of truth across engineering, QA, and legal
- Built **AI product telemetry from scratch**, token-scoped dashboards tracking 300K+ monthly API calls, fallback rates, cost-per-resolution; cut support investigation time **40%**
- Conducted **developer discovery interviews** to identify onboarding friction; prototyped solutions in **Cursor** and **Figma** before handoff, increased trial-to-first-call conversion **25%**
- Led cross-functional team of engineers, QA, legal, and design; ran prioritization reviews, presented roadmap and performance reviews to executive leadership quarterly
- Led **root cause investigation** of an AI model regression, identified two-layer calibration failure, authored executive incident report and engineering remediation spec

### Venba Tech Pvt Ltd

May 2022, Jul 2022

*Associate Product Manager Intern*

*Chennai, India*

- Coordinated IoT platform deployments for 3 enterprise clients (Reliance, CCD, Raintree Hotels); designed **Power BI dashboards** aggregating real-time sensor data for 20+ stakeholders; owned subsidiary ecommerce platform (MysaIoT) operations and 3-channel launch

### Customer Analytics LLC

Dec 2021, Apr 2022

*IoT Research Intern*

*Chennai, India*

- Prototyped automated CNC coolant monitoring system with edge sensor ingestion, web visualization, and threshold alerts; synthesized findings on 4 coolant variables into engineering recommendations that reduced manual monitoring

### Maveric Systems Limited

Sep 2021, Nov 2021

*Software Engineer Intern*

*Chennai, India*

- Contributed to backend modules for QA automation tooling (Flutter, Spring Boot); participated in Agile delivery, sprint retrospectives, code reviews, and stakeholder demos using **Git** for version control

## Projects

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**Corporate Credit Risk Agent (Prototype)** | LangGraph, Claude, MCP, Streamlit, Python | [🔗 Demo](#) | [📁 GitHub](#) 2026

- Prototype demonstrating how **multi-agent AI** could augment corporate credit underwriting, three specialized agents (Research, Underwriting, Monitoring) collaborate via LangGraph with autonomous tool selection; uses real public company data via MCP-style API integrations
- Designed **explicit risk threshold framework** (revenue trend, free cash flow, debt-to-equity, current ratio, insider activity) replacing opaque LLM judgment with auditable decisions; produces credit recommendation with calibrated dollar limit in under 30 seconds

## Education

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### Northeastern University

**Boston, MA**

*M.S., Engineering Management*

*Sep 2022, May 2024*

- VP, Aspiring Product Managers Club (150+ attendee conference) · Coursework: Advanced Product Management, Applications of Generative AI

### Vellore Institute of Technology

**Chennai, India**

*B.Tech, Electronics & Communication Engineering*

*Aug 2018, Aug 2022*

- IEEE Published Researcher: IoT-based AI Control System for Home Automation (IEEE Xplore, 2021)