MAHIR BAROT

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Product-minded AI engineer and founder who ships AI products and proves impact with metrics (cost per invoice, latency, RAG quality, activation). Combines enterprise delivery at scale with 0-to-1 startup execution, GTM, stakeholder demos and early customer onboarding.

WORK EXPERIENCE

MRI SOFTWARE | AI Engineer | *Dec 2025 - Present*

- **Pitched and productized** an MCP Assistant product that quickly became the go-to customer support tool; achieved **~2K DAU** in just 3 weeks.
- **Reduced incoming tickets** per vendor by **30%** by addressing broken experiences across customer's journey during the invoice processing cycle.
- Developed and improved answer quality on the internal knowledge-intelligence platform by **22% on RAGAS** context precision to speed up onboarding, working with the VP, Product and developers.
- **Delivered demos** to drive user acquisition, and customer satisfaction: Finalized business metrics and collected customer insights to drive feature release.
- **Designed the feature** for **model routing** that reduced the model-processing cost by **65% (cost per invoice)** so automation stays viable at 1M+ invoices across 300+ vendor layouts.
- Built a Testing AI Agent to **accelerate QA cycles** for internal teams, improving test coverage by 15% and reducing QA cycle time by **30%**.

UCI INDIA | AI Engineer SDE | *Aug 2024 - Dec 2025*

- **Led the development** of an AI based maintenance engine for NYC Parks by **building a working prototype**.
- **A/B tested** and rolled out event-triggered push notifications as early warning for maintenance that achieved a **72% CSAT score.**
- Secured stakeholder buy-in by **demoing the prototype and trade-offs** (speed vs accuracy) to the Parks team, client stakeholders and senior management, securing approval for the next development phase.
- Benchmarked a Vision-LLM against a custom YOLO model on **mAP@50 and inference latency**, selecting YOLO for **5x faster** processing with comparable detection accuracy**.**
- **Actively collaborated** and kept NYC Parks, backend and UI teams aligned by **translating client requirements** into shared technical specs.

ENTREPRENEURIAL & PRODUCT LEADERSHIP

FEEDFORGE.AI | Co-founder, Product & Engineering (weekend project) | *Mar 2026 - Present*

- **Co-founded a B2B SaaS platform**, leading product roadmap, customer discovery, and weekend execution.
- **Onboarded** the first agency in Oct 2026 and processed 500K+ SKUs. Achieved **feed approval rate of 96%**.
- **Led end-to-end** roadmap and priorities for a five-person team building an AI product-feed platform, using **RICE** to build the integrations customers needed first.
- **Managed** the sprint using **Agile** methodology and utilized **Jira** for the project tracking.
- Kept **unit economics low** (under $0.09 per 1K SKUs) through caching and pipeline optimisation: a 17K-SKU catalogue processed in under 30 minutes for less than $1.50.
- **Built outbound GTM** to find early customers using Clay for **lead enrichment**, Apollo for sequencing: 700+ leads contacted from ICP like Magento agencies.
- Kept catalogue sync reliable by shipping an end-to-end Shopify to Google Merchant Center integration with retry handling with a sync success rate of **80%**.

LEADERSHIP, PRESENTATIONS & EARLIER EXPERIENCE

- **Led a hackathon team** to a top-5 finish among 100+ teams (top 5%) with an AI landing-page/lead-funnel prototype, then **pitched it to All In Capital (VC)** to test investor interest (2023).
- Delivered university seminars on AI/GenAI industry use cases and ran AI-assisted coding workshops to build peer capability.
- Authored product and technology articles at mahirbarot.com.

Earlier internship: Software Engineering Intern, Multidots | Jan - Jun 2024

EDUCATION & SKILLS

Navrachana University
B.Tech, Computer Science & Engineering (2024)
CGPA: 9.51/10 | Gold Medalist | 100% Scholarship

Product: Problem framing, requirements translation, prioritisation (RICE), stakeholder alignment, customer onboarding, technical demos and presentations, Data analysis. **GTM:** ICP definition, outbound, early-customer onboarding, Clay. **Delivery & metrics:** Agile story-point estimation, sprint scoping, KPIs (cost per invoice, latency, throughput, activation), LLM evaluation with RAGAS. **Technical:** Python, SQL, AI/ML, LLMs, YOLO, Azure AI, Azure Document Intelligence, APIs, workflow automation.