

# Yaswanth Kumar Ippili

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## CAREER SUMMARY

Aspiring Product Manager with strong technical foundation in AI, data, and user-focused design. Experienced in building LLM-driven tools, workflow automations, and MVP launches. Skilled in translating complex problems into measurable outcomes through agile collaboration.

**Key strengths:** Product strategy, analytics, MVP delivery, AI integration, and stakeholder management.

## PRODUCT LEADERSHIP & EXPERIENCE

### E-Cell, IIIT Bhubaneswar

*Product Designer & PM Lead | Dec 2022 – Apr 2024*

- Led a 3-member team to deliver 30+ campaigns, supporting 10+ events and boosting student engagement by **40%**.
- Built reusable design systems and sprint templates improving output turnaround by **35%**.
- Managed cross-functional coordination between tech and marketing for cohesive user experiences.
- Created event analytics dashboards to inform campaign prioritization.

## PROJECTS

### ChatPDF Pro – Multi-Document RAG QA System

*Python, LangChain, GPT-4, Pinecone, FastAPI*

- Built an LLM-powered chatbot using RAG architecture to answer complex questions across 300+ PDFs with citation and context retention.
- Integrated LangChain with Pinecone for semantic search; optimized chunking and metadata retrieval for **89% QA accuracy**.
- Reduced PDF ingestion time to under **6 seconds per 5MB**, supporting scalable multi-turn conversational QA.

### DevAssistant AI – Java Debugging Assistant

*Java, OpenRouter GPT API, JavaParser, JUnit*

- Created a CLI tool integrating GPT to analyze Java error logs and suggest fixes; automated JUnit test generation from parsed source code.
- Processed 150+ test cases, improving debugging speed by **40%** and test coverage by **25%**.
- Designed modular architecture for future GPT-driven commit message generation and CI integration.

### HealthRiskAI – Predictive Disease Risk Scoring

*Python, XGBoost, SHAP, Flask, AWS Lambda*

- Built an ML pipeline using NHANES and MIMIC-III EHR data to predict chronic disease risks (diabetes, heart disease).
- Deployed Flask API on AWS Lambda achieving **AUC-ROC 0.92** and reliable calibration (Brier score 0.12).
- Applied SHAP for interpretable AI insights highlighting key patient-specific risk factors.

## SKILLS

### Product & Strategy

Roadmapping, Prioritization (RICE, Kano), Market Research, A/B Testing, Agile, Scrum, Backlog Management, User Stories

### Analytics & Tools

SQL (Basic), GA4, Amplitude, Mixpanel, n8n, Figma, Miro, Notion, Jira, Confluence, Excel Automation

### Technical Awareness

Python, Java, LangChain, GPT APIs, FastAPI, XGBoost, Pinecone, SHAP, Flask, Git/GitHub

## EDUCATION

### International Institute of Information Technology, Bhubaneswar

*2022 – Present*

Bachelor of Technology – Computer Science & Engineering

## VIRTUAL EXPERIENCE & CERTIFICATIONS

- Electronic Arts (EA) Product Management Simulation, Forage (2024)** – Improved retention forecast by **15%** using feature prioritization; drafted Jira and stakeholder reports.
- Google GenAI Academy (2025)** – Participated in hands-on modules covering generative AI applications, prompt design, and ethical model usage.
- Goldman Sachs Software Engineering Virtual Internship, Forage (2024)** – Completed modules on encryption, secure coding, and software optimization tasks.
- Tough Tongue AI – Product Management Quiz (2025)** – Certificate of participation in product management assessment for potential opportunities.