

RADHA YADAV

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PROFESSIONAL SUMMARY

Analytics Product Engineer with 7+ years' experience translating business requirements into scalable technical solutions. Proven track record delivering data-driven products improving user experience by 40% and reducing processing time by 60%. Expert in product strategy, user research, and rapidly delivering custom solutions with hands-on experience building automation agents.

CORE COMPETENCIES

Product: Product Strategy, User Research, Stakeholder Management, A/B Testing, KPI Definition, Prototyping, Cross-functional Leadership

Technical: Python, SQL, Scala, Azure, Databricks, Apache Kafka, Power BI, API Design, System Architecture

Tools: JIRA, Notion, Confluence, Git, Azure DevOps, Lovable, Product Design, N8n, UX Pilot, Analytics Tools

Methods: Agile/Scrum, Design Thinking, OKRs, Data-Driven Decision Making, Prioritization Framework(RICE, ICE, MoSCoW)

PROFESSIONAL EXPERIENCE

Chubb Business Services LLP

Senior Software Engineer – Analytics Engineering | Dec 2024–Present

- Defined product requirements for CX Analytics Platform (1,000+ users), architecting solution improving data quality by 40% and reducing query time by 35%
- Led cross-functional squads (Engineering, QA, and Analysts) to deliver features from ideation to production across 3 release cycles.
- Collaborated with design and end users to validate requirements and improve user workflows, resulting in 25% faster task completion.
- Enhanced user experience through automated monitoring, reducing manual intervention by 35% and enabling self-service analytics
- Built scalable features through Batch Ingestion Framework supporting multiple sources, reducing processing time by 40% (30→7 minutes for 5000 documents)
- Designed user-centric solutions with real-time Stream Ingestion Framework, achieving 9-minute average processing time
- Improved reliability implementing configuration-based framework, eliminating 100% manual schema updates
- Optimized user workflows through SQL enhancement, reducing report generation time by 60%
- Conducted user research via root cause analysis, implementing strategies reducing cross-functional response time by 37%
- Presented insights to executive leadership, driving data-informed product decisions

McCain Foods LTD.

Data Engineer Platform | June 2024–Dec 2024

- Delivered integrated solutions extracting SAP data into Azure Synapse, creating unified business views for stakeholders
- Presented product roadmaps and milestone updates to executive stakeholders, influencing quarterly resource allocation.

Infosys Limited

Senior Systems Engineer | 2017–2021

- Built automation solutions creating performance dashboards improving operational visibility and user experience
- Enhanced system efficiency through documentation consolidation, reducing redundancy by 30%

EDUCATION & CERTIFICATIONS

B.Tech, Computer Science Engineering | National Institute of Technology, Patna | 2013–2017

Certifications: Azure Fundamentals (AZ-900), IBM Data Pipelines with Kafka, Databricks Lakehouse Fundamentals, Databricks GenAI, Microsoft AI Product Management

KEY ACHIEVEMENTS

- Delivered 100% product milestones on schedule with proactive risk management
- Improved customer experience metrics by 40% through data-driven enhancements
- Drove product decisions with data-backed insights, leading to a 15% improvement in key user satisfaction metrics.
- Enabled rapid experimentation by setting up feedback pipelines, shortening iteration cycles from 3 weeks to 2 weeks.
- Led CHUBB's presence at The Rising 2024 DE&I In Tech Summit

AI PRODUCT DEVELOPMENT (Personal Projects)

Documentation Automation Agent: AI agent auto-updating project docs on git merges, reducing manual work by 80%

Git Analytics Agent: An AI Agent which helps improving development velocity by providing developer productivity insights.

JIRA Story Generator: NLP agent converting natural language requirements to structured stories, automating 70% of creation process incorporating RICE and MoSCoW frameworks.