

Siddhesh Chaudhari

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SUMMARY

Product Engineer with 4 years shipping and operating software in production across AdTech, Enterprise SaaS, and Data platforms. Owns systems end to end — architecture, implementation, deployment, and post-launch support — across startups and enterprise clients, with recent work on agentic AI and in-game advertising at multi-million impression scale.

EXPERIENCE

Feenix Sports

West Lafayette, IN | July 2026 – Present

Product Engineer

Python, FastAPI, LangGraph, Lua, Railway, Docker

- Scaled the self-serve ads tracking algorithm in production on Railway to 0.5M–2M in-game impressions across 6 Roblox titles under 2 studios, operating and supporting the service as one of 2 engineers on the product
- Building AI NPC agents, social media bots, and companion SDKs that log player-NPC interaction events, extending programmatic ad delivery and campaign creation from Roblox to Fortnite and other Unreal Engine titles
- Leading IP and compliance for technology transfer from Purdue and Indiana University as main developer, while customizing internal CRM data models and revenue dashboards to track campaign performance

Feenix Group – Purdue Data Mine (Early Stage Company)

West Lafayette, IN | Aug 2025 – May 2026

Product Engineer

React, FastAPI, LangGraph, Lua, Docker, Terraform

- Shipped fully autonomous, programmatic in-game ad deployment to live Roblox games with real players, scoping the 6-feature roadmap across accessory creation, ads management, and player interaction through requirements workshops
- Designed the system architecture, UI/UX, and agentic AI data flows, then built the prototype (backend, API gateway, Roblox scripting) automating ads management, interaction logging, analytics, and asset generation
- Kept the platform live through Roblox compliance review by scoping the deployed surface down to the tracking algorithm, preserving the full system for retrofit onto Unreal Engine titles

Evonik – Purdue Data Mine

West Lafayette, IN | Jan 2025 – May 2025

Technical Program Manager

React, FastAPI, PostgreSQL, Python

- Cut chemical compatibility research from 30 minutes to under 1 minute (96% reduction) and lowered on-site handling risk, delivering a PoC that Evonik adopted and deployed to its private cloud, by directing 10 people across 8 sprints
- Shipped 12 features and consolidated existing and scraped sources into a master table of 870,000 data points by owning the development lifecycle end to end, from design ideation through roadmap and backlog prioritization
- Isolated 3 blocking pain points — CSV import for proprietary data, role-based access, and saved-matrix retrieval — via requirements analysis and wireframe workshops, converting them into OKRs, KPIs, and developer estimates

Microsoft – Purdue Data Mine

West Lafayette, IN | Aug 2024 – Dec 2024

Software Engineer

Python, Databricks, PySpark, SQL, LLMs

- Improved insight capture by 40% over a RoBERTa baseline by replacing it with LLMs and small language models that read emoji and mixed-mode sentiment signals, across 1,000 images and 240 videos from 3 media sources
- Cut analysis time by an estimated 1–2 hours per cycle by deploying 4 distinct LLMs for contextual analysis and adding auto-translation to widen the analyzable dataset
- Delivered the PoC on schedule by leading 5 engineers through 8 sprints, owning a 30-item backlog and documentation to deployment

PwC (PricewaterhouseCoopers)

Mumbai, India | July 2022 – July 2024

Technology Consultant

SAP ABAP, SQL, SAP VIM, Power BI, ServiceNow

- Owned an end-to-end SAP VIM go-live leading a full delivery team and supported 2 further client go-lives, running post-launch support for 20–300 users per client and resolving critical production tickets within hours
- Processed 100K–3M invoices annually across 3 clients, including multi-country rollouts, by delivering 27 custom workflows that lifted invoice processing KPIs by 40% and cut cost-per-invoice to under \$4
- Directed 5 analysts to ship 48 features, driving 90% automation improvement and cutting the invoice cycle to under 2 days
- Cut post-launch support tickets by 60% and secured sign-off 2 weeks early by leading 6 design workshops, authoring 32 technical documents, and intercepting 120 pre-production defects through UAT cycles and 6 QA dashboards

EDUCATION

Purdue University

West Lafayette, IN | Aug 2024 – May 2026

Master of Science in Engineering Management (Product / Data)

GPA: 3.6/4.0

- Coursework: Corporate Consulting, Technical Product Management, Business Analytics, Entrepreneurship & Business Strategy
- Built an agentic AI job-application platform with Python, LangChain, LangGraph, React, OpenAI API, and MCP clients

University of Mumbai (VJTI)

Mumbai, India | Aug 2018 – May 2022

Bachelor of Technology in Mechanical Engineering

GPA: 3.6/4.0

SKILLS & CERTIFICATIONS

Technical Skills: Python, SAP ABAP, C++, TypeScript, Lua, SQL, Tableau, Databricks, Git, AWS, Figma, RAG, Pytest

Competencies: Project & Stakeholder Management, Business Documentation, Workflow Automation, System Design, UI/UX Design

AI Tools: Claude Code, OpenCode, Codex, Cursor, Replit, Figma Make, HuggingFace, LangChain, LangGraph, n8n