AKASH CHAUHAN

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Summary

Product builder in edtech who works between students, instructors and engineers. At Newton School of Technology I take learning products from student interviews to a 3-campus rollout, set their success metrics and track them in Metabase. I also lead a team of 6 and have taught 500+ hours.

Work Experience

SDE + Instructor 2 – Newton School of Technology Jun 2024 – Present

Progression: Intern → SME → Instructor → Team Lead

- **Question of the Day (0→1):** found through student interviews that students practised on scattered platforms, with no record of their attempts and questions beyond their syllabus. Pitched the product to the CTO and owned it end to end. Set syllabus-aligned release rules and term-wise success metrics, rolled it out across 3 campuses with instructors as question owners, and tracked the adoption funnel in Metabase. **600+ daily active users**; **over 50% of students kept a 30+ day streak**; activity showed a **strong positive correlation with exam scores**.
- **Live class tools:** defined and shipped tick-and-release questions, polls and topic-tree marking, with controlled in-class release of assignments and Metabase funnels showing where students dropped off. **200+ sessions, 4.75/5 satisfaction**.
- **Task Management System:** replaced a web of spreadsheets with one create → review → release flow for course content, adopted by **200+ instructors across 20+ courses**. Added a review checklist that gates question quality before release.
- **Athena (proctored testing):** worked on the test-taking experience and specified a proctoring report that ranks students by breaches, for contests with **1,000+ students**.
- **Leadership & teaching:** lead a team of 6; oversee exams and evaluation for **1,000+ students**; **500+ teaching hours, 4.7/5 rating**. Designed and launched a new Game Theory elective, from student pitch to Board of Studies approval.

Earlier internships Dec 2022 – May 2024

- **Technical Intern, Samsu Software:** built Django REST APIs integrating Instagram, YouTube and Twitter for a creator-profile product.
- **Product Development Intern, Algo8.ai:** built ML models for HR analytics used in client decisions.
- **ML Intern, Suvidha Foundation:** benchmarked text-summarisation methods for an NLP project.

Product Work Samples

- **My Pages** *(feature proposal + working prototype for SuperKalam):* turns a UPSC lesson into the student's own marked-up copy. Mistakes from a worksheet become sticky notes on the exact lines, and revision marks them fixed. The case study covers the problem, design decisions, metrics and limits. **Case study and prototype** ↗
- **Learning Lab** *(in progress):* three AI tools for understanding rather than recall, one for each learning mode. **Litmus** (read): a Chrome extension that checks whether you understood an article. **Make It Stick** (write): turns a topic or PDF into a guided worksheet. **Teach to AI** (speak): students explain concepts to an AI student, built for my elective's viva. **Portfolio** ↗

Education

Rajiv Gandhi Institute of Petroleum Technology, India Dec 2020 – May 2024

B.Tech in Computer Science & Engineering | **CGPA: 8.44/10** (Top 10% in class)

Achievements

- **Recommended by Air Force Selection Board** for NDA; **AIR 439** among 4,00,000+ candidates. 2020
- 98th percentile in JEE 2020; Merit-cum-Means Scholarship at RGIPT (top 10% of batch). 2020
- National Finalist, Intel oneAPI Hackathon; Honourable Mention, **ICPC Amritapuri Regionals**. 2023

Leadership & Activities

- Technical Head, Entrepreneurship Cell, RGIPT 2021–2022
- Founding Member and Head, Films and Media Club, RGIPT; Teaching Volunteer, Gyan Arpan Social Club 2021–2023

Skills

Product	User interviews, metric design, rollout planning, AI prototyping (LLM APIs), Jira, Figma
Data	Metabase (funnels, product analytics), SQL, Excel, Power BI
Technical	Python, Django, REST APIs, Git, C++
Domain	EdTech, assessment and proctoring, content workflows, live-class tools