

Kanishk Kumar Mishra

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Profile

Engineering undergraduate with a systems-first mindset. Strong in Linux-based systems, backend development, and CLI tooling, and collaborative project delivery. Comfortable with real codebases, data pipelines, and automation-driven workflows.

Experience

Senior Team Leader (Intern) – UpToSkills

Jul 2025 – Oct 2025

- Led a 14-member team to deliver a FinTech platform under defined technical milestones.
- Built backend data pipelines using Python, Pandas, PostgreSQL, and Supabase.
- Designed backend APIs using NodeJs.
- Owned backend integration and cross-team coordination.

Projects

NextStep – Career Recommendation Platform (SIH 2025)

Backend Developer

- Backend development for a career advisory system based on psychological assessment parameters.
- Implemented APIs to process assessments and map results to career paths.

NotionSafe – Secure Notion Backup Tool

- CLI tool to securely back up Notion workspace data via official APIs.
- Designed for automation, data integrity, and fault tolerance.

Sink Switch – Linux Audio Management CLI

- Command-line utility to switch PipeWire/PulseAudio sinks.
- Published to Fedora COPR and Arch User Repository.

Alien Invasion – Python Game

- 2D game built using Python and Pygame.
- Focused on OOP, event loops, and game-state management.

Technical Skills

Systems: Linux (daily driver), Bash, system debugging, Wayland/Hyprland (Wayland)

Backend & Data: Python, Node.js, SQL, PostgreSQL, Pandas

Tools: Git, GitHub, Jira, Postman, CLI tooling

Education

B.Tech – Electronics & Communication Engineering

Dr. Akhilesh Das Gupta Institute of Professional Studies (GGSIPU)

CGPA (1st Year): 8.50 — CGPA (2nd Year): 8.57

Senior Secondary Education

SL Suri DAV Public School, New Delhi

Class 10: 85% — Class 12: 80%

Additional

Languages: Hindi (Native), English (Fluent)

Focus Areas: Linux systems, backend tooling, automation, open-source