Harish Kumar

AI PRODUCT & AUTOMATION | DATA-DRIVEN WORKFLOWS
B.Sc. (Hons.) in Data Science (Online) | IIT Guwahati

[redacted]
github.com/Hk-045
Bengaluru, Karnataka

ABOUT ME

Product-minded developer and automation builder with **1.5+ years at PhysicsWallah**, turning business requirements into practical internal tools. Hands-on with **AI tools and prompt iteration, SQL/PostgreSQL, Google Sheets and Apps Script**; experienced in workflow discovery, experimentation, reporting and end-to-end project ownership.

WORK EXPERIENCE

Career Services Intern | PhysicsWallah (PW Institute of Innovation) **May 2025 - Present**

- Translated Career Services needs into a **placement workflow** for job intake, eligibility, student applications and status tracking using **Google Forms, Sheets and Apps Script**.
- Designed **Google Sheets trackers and reports** to monitor student responses, application progress and workflow exceptions; automated updates to reduce manual errors.
- Built an **automated interview scheduler and email reminders**, simplifying recurring coordination across students, recruiters and the placement team.
- Identified a recruiter-discovery gap, **proposed and shipped the IOI Student Showcase** on ioi.club, now used by the team to present student talent in outreach.
- Built an **on-brand poster generator** that transforms student data into placement announcements with one-click sharing, reducing marketing-team dependency.
- Currently developing an **AI Assignment Evaluator** to support faculty with repetitive assignment checking and explore AI-assisted review workflows.
- Worked with **50+ hiring partners** as placements scaled from 0 to 210; recognised as **Employee of the Month twice** for ownership and execution.

SELECTED PROJECTS

CareDrop | Data-Driven Nurse Dispatch Platform

- Designed **SQL/PostgreSQL and PostGIS proximity queries** for 5 km nurse matching, with transaction-safe booking claims to avoid double assignment.
- Mapped rejection/timeout-based reassignment and real-time dispatch status updates with **Socket.IO** and admin visibility.

RoomieFit | Roommate & Rental Discovery Platform

- Built **Node.js/Express APIs and MongoDB data models** for profiles, property listings and preference-based roommate discovery.

SKILLS

AI & Product: Generative AI, Claude, Prompt Engineering (design & iteration), AI-tool experimentation, requirements gathering, prototyping

Data & Reporting: SQL, PostgreSQL, PostGIS queries, Google Sheets, data validation, workflow metrics and reporting

Automation: Google Apps Script, Google Forms, Gmail automation, n8n

Development: JavaScript, Node.js, Express.js, REST APIs, React, MongoDB, Git & GitHub

Execution: Business problem-solving, cross-functional collaboration, stakeholder communication, project ownership

EDUCATION

B.Sc. (Hons.) in Data Science | Indian Institute of Technology, Guwahati — Expected 2027

Data Science & AI | PW Institute of Innovation — 2027

LEADERSHIP

President, Social Welfare Club: Led 10+ initiatives, including a 4-month education drive; club recognised as the institute's best.