

# Aakash Kumar

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

Final-year Computer Science and Engineering student from Sandip University with strong expertise in Python, Linux, and backend frameworks such as Django, Flask, and FastAPI. Experienced in building scalable APIs, managing SQL databases, and deploying production-ready systems using Docker, Nginx, and GitHub Actions. Adept at designing clean architectures and contributing to real-world products with attention to performance, maintainability, and reliability.

## TECHNICAL SKILLS

**Backend:** Python, Django, Flask, FastAPI, Django REST Framework  
**Databases:** PostgreSQL, MySQL, SQLite, MongoDB, SQLAlchemy  
**DevOps & Tools:** Git, GitHub Actions, Docker, Nginx, Unicorn  
**Frontend:** React, JavaScript, HTML, CSS, Tailwind

## EXPERIENCE

**Backend Developer Intern** Sep 2025 – Present

*Pracel (Read-Aloud App) — Palleru Technologies Pvt Ltd (Remote)*

- Developing and maintaining RESTful APIs in Django REST Framework to power core features of the Pracel learning platform.
- Customized and extended the Django admin panel to improve usability for non-technical team members.
- Created and modified backend scripts to automate recurring data operations and ensure functional reliability.
- Implemented a CI/CD pipeline using GitHub Actions for automated testing and deployment, ensuring faster delivery and reduced manual errors.

**Python/Django Developer Intern** Feb 2025 – May 2025

*WeSalvator – Animal Rescue Platform (Remote)*

- Built backend modules for animal profiles, rescue tracking, and volunteer management using Django REST Framework.
- Implemented real-time updates with Django Channels and WebSockets to notify volunteers instantly.
- Optimized database queries, reducing API latency and improving scalability.

**Scrum Master & Backend Intern** Dec 2024 – Feb 2025

*Infosys Springboard (Remote)*

- Facilitated Agile processes and daily stand-ups to streamline communication among development teams.
- Developed secure user authentication and Role-Based Access Control (RBAC) system using Flask.

## PROJECTS

**Agile Project Management Dashboard** Flask, Pandas, Plotly, GCP, Nginx

- Built a multi-user analytics dashboard with secure sessions and interactive charts, deployed on Google Cloud using Unicorn and Nginx.

**Gate Pass Management System** Flask, SQLAlchemy, VPS

- Developed a role-based web application (Student, Warden, Admin) to digitize gate pass workflows, deployed on a Linux VPS for production use.

## EDUCATION

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**B.Tech, Computer Science and Engineering**

Expected May 2026

*Sandip University, Madhubani, Bihar*