

GS Prajwal

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Activities and Accomplishments

Triwizard Hunt CTF, Dayananda Sagar University Apr 2025

- Secured a Top-5 position as part of Team Triban in a university-level Capture-the-Flag event.
- Solved challenges involving encryption, web vulnerabilities, and network clues under time constraints.
- Strengthened teamwork, analytical reasoning, and practical cybersecurity understanding.

Tempete Promptathon 2025, Dayananda Sagar University Oct 2025

Participated in an AI-driven ideation and prototyping challenge focused on prompt design and real-world innovation, strengthening teamwork, problem-solving, and creative thinking under time constraints.

Projects

Whisker Wellness – Website for PetCare

[Link to Repo](#)

- Built a full-stack pet care dashboard using **React**, **TypeScript**, and **Firebase**.
- Integrated **Google OAuth** authentication and **Razorpay** for secure payments.
- Designed a responsive UI with **Tailwind CSS** and structured data workflows for scalability.

Fake News Detection Web Platform (MVP)

[GitHub](#)

- Built a full-stack web platform using **Python (Flask)** and **JavaScript** to analyze and manage news articles.
- Designed and integrated a **MongoDB** database to store users, articles, predictions, and feedback with proper schema modeling.
- Implemented **RESTful APIs** for article submission, result retrieval, and user interactions.
- Structured the backend with clear separation of concerns between **API routes**, **business logic**, and **database persistence**.
- Set up a **CI/CD pipeline** to automate build, testing, and deployment workflows.
- Implemented authentication and secure data handling for protected routes.
- Deployed the application with environment-based configuration for scalability and maintainability.

Education

B.Tech in Computer Science, **Dayananda Sagar University** 2023 – 2027

Current GPA: 7.45

Skills

- **Programming Languages:** Python, Java, C, JavaScript
- **Full Stack Development:** HTML, CSS, Node.js, Express.js
- **Databases & Tools:** MySQL, MongoDB, GitHub, REST APIs
- **Frameworks & Libraries:** React.js, Tailwind CSS, Flask
- **Operating Systems:** Windows, Linux, macOS
- **Concepts:** Object-Oriented Programming, API Integration, Deployment