PALAK GOYAL

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Career Objectives

To secure a challenging position in the field of computer science where I can apply my knowledge and skills in software development, data analysis and emerging technologies. I aim to contribute to innovative projects while continually enhancing my technical abilities to achieve organizational and personal growth.

Technical Skills

Languages: HTML, CSS, JavaScript , C, C++, Python
Frameworks & Libraries: React.js
Databases & Tools: MySQL, Mongo, Git, GitHub
Core Skills: API Integration, Responsive Web Design, Machine Learning Model, Debugging, Problem Solving

Education

Degree	Year Of Passing	Institute	Board/University	Type
B. Tech (CSE)	2027	Guru Gobind Singh Indraprastha University, New Delhi	GGSIPU	Regular
XIIth	2023	Gurusharan Convent, Delhi	CBSE	Regular
Xth	2021	Gurusharan Convent, Delhi	CBSE	Regular

Currently pursuing BTech CSE (3rd year) with a CGPA of 8.386.

Experience

Software Developer Intern at QuickWay InfoSystem, NOIDA   July 2024 –Aug 2024
Project – Health Insurance Management System (HIMS)
- Contributed to frontend development and feature implementation for a Health Insurance Management System,
- Improved debugging, requirement analysis and UI development skills.

Software Development Intern – National Informatics Centre (NIC)   Jan 2025 – Feb 2025
Project: Employee Management System (React + API-based Web Application)
- Developed a complete React-based website from scratch as part of a government internship.
- Integrated REST APIs to fetch, display, and manage employee data and notifications.
- Worked on end-to-end website formation following structured and scalable development practices.

Machine Learning Research Intern – DRDO (SSPL), Delhi   June 2025 – August 2025
Project: ML-Based Drone Detection using Particle Velocity Sensor (PVS)
- Worked on a defence-oriented machine learning system for drone detection using real sensor (PVS) data.
- Implemented signal preprocessing, feature extraction (statistical & frequency-domain) and ML-based

classification models.
- Focused on confidence evaluation, accuracy optimization and real-time detection challenges.
- Gained strong research exposure in applied ML, signal processing and national security problem statements.

Personal Projects

KhelSetu – Multilingual Sports Talent Discovery App (Flutter)

- Designed and developed a cross-platform mobile application using Flutter focused on grassroots sports talent discovery.

- Enabled athletes to digitally showcase their sports talent and connect with sports authorities and government initiatives.

- Integrated features to provide updates on latest sports events, trials, and opportunities.

WeatherBite – Diet Made Easy with AI

- Built an AI-powered application to generate personalized, weather-based diet recommendations.

- Implemented Python logic for dynamic and location-specific diet planning.

- Improved user engagement through data-driven and real-time suggestions.

Leadership & Activities

Organizer – Technical Events (Ideathons & Hackathons)
- Served as an Organizer for multiple ideathons and hackathons conducted in technical colleges.
- Planned event structure, schedules, and technical flow of competitions.
- Coordinated with participants, mentors, judges, and organizing teams for smooth execution.
- Managed registrations, team formation, and on-ground problem-solving during events.
- Demonstrated strong leadership, communication, decision-making, and teamwork skills.

Personal Details

Date of Birth	:	19th January 2006
Language Known	:	English and Hindi
Marital Status	:	Single

I hereby declare that the above information is true to the best of my knowledge.

Date:

Place: **Ms. Palak Goyal**