

PANKAJ YADAV

Software Engineer, Undergrad

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Work Experience

SmartBridge (Salesforce Partner)

May 2025 - July 2025

Salesforce Developer Intern (Virtual)

- Delivered 6+ Apex classes and Lightning Web Components to automate workflows, reducing manual data entry time by 40% for simulated business scenarios.
- Earned the Apex Specialist Superbadge by completing end-to-end tasks in process automation, security, and UI customization, demonstrating client-ready Salesforce expertise.

Edunet Foundation

May 2024 - July 2024

Full-Stack Developer Intern

- Designed and deployed a MERN-based eldercare platform supporting 100+ simulated users, enabling real-time health monitoring and emergency alerts for caregivers.
- Implemented JWT-secured authentication and responsive UI, improving platform reliability and ensuring safe access for diverse user roles.

Projects

AI Tutor MVP: Learning Platform | React, Node.js, MongoDB, Nebius AI, Manim

[Project Link](#)

- Built an AI-driven tutoring solution that addressed learner needs with step-by-step explanations, animated lessons, and multilingual text-to-speech.
- Translated educational requirements into a secure, user-friendly React dashboard with history tracking, leveraging LLMs and Manim for interactive content.

ElderCare-Support Platform | MERN Stack, Redux, Tailwind CSS

[Project Link](#)

- Designed a consulting-focused eldercare platform by analyzing user needs, integrating real-time health monitoring, emergency alerts, and community engagement forums.
- Ensured secure access and scalable performance through JWT authentication and efficient state management using Redux Toolkit.

Agri-Connect: AI-Powered Agricultural Marketplace | React, Node.js, OpenAI

[Project Link](#)

- Delivered a multilingual marketplace solution aligning with farmers' and buyers' requirements, supporting role-based access and voice interactions in English, Hindi, and Telugu.
- Integrated GPT-powered conversational assistant with speech-to-text and text-to-speech, improving accessibility and user adoption during stakeholder demos.

Technical Skills

Programming Languages

C, C++, Python, JavaScript, SQL

Web Development

HTML, CSS, REST APIs, React, Tailwind CSS, Node.js, Express.js, React Native

Databases

MySQL, MongoDB

Cloud Platforms

Microsoft Azure (Basics), Google Cloud Platform (GCP), Vercel, Netlify

Collaboration & Tools

Git, GitHub, Agile (basic), Postman, Docker

Core CS Concepts

Data Structures & Algorithms, Object-Oriented Programming (OOP), DBMS, Operating Systems

Education

SRM University, Andhra Pradesh

Aug 2023 – Present

B.Tech in Computer Science Engineering

GPA: 8.88/10.0

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Database Management, Computer Networks, Web Development

Leadership / Achievements

- Top Finalist, Code Spark – KBN College - 2025**
Selected among the Top Finalists at the national-level Code Spark hackathon (370+ teams) and awarded a cash prize.
- Winner, Code4Change Hackathon 2025** at KL University for project [Agri-Connect](#).
- Winner, Secure X BSI Hackathon 2024** for designing a spam detection model with 95% phishing accuracy.
- Top 10 Finalist, Internal Smart India Hackathon (SIH) 2024** for developing Med Q+, a Smart Hospital Management System.

Certifications

- [Google IT Support Professional Certificate](#) - Coursera
- [Foundations of Project Management](#) - Google