

Pawan Sai G

B.E. Computer Science and Engineering — 2027 Graduate

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Profile Summary

Highly motivated Computer Science and Engineering student graduating in 2027 with hands-on experience in application development. Skilled in Python and object-oriented programming, with a strong interest in scalable web applications and AI-powered solutions. Seeking to apply strong technical and problem-solving skills in real-world software engineering roles.

Education

Prathyusha Engineering College B.E. Computer Science and Engineering	Aug 2023 – Expected May 2027
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Projects

Animal Adoption and Welfare System

- Developed and integrated a Groq API-powered chatbot using HTML, CSS, JavaScript, and Django to assist users with adoption-related queries.
- Implemented backend routing and user input handling using Django.
- Contributed to UI/UX design by creating design references and wireframes in Figma.

Drone-based Women Safety Analysis

- Labeled aerial image datasets using Roboflow for gender detection from drone footage.
- Assisted in training a gender classification model using a MobileNetV2 pre-trained architecture.
- Supported dataset preparation, model tuning, and research activities.

Mini Projects

- Developed over 5 mini Python projects including an AI chatbot using Groq API, a MADLIB story generator, number guessing game, dice simulator, and password generator.
- Created over 5+ mini projects including frontend clones of Netflix and YouTube homepages using modern web technologies.

Skills

Programming Languages: Python, C, Java

Front-End: HTML5, CSS3, JavaScript, React.js, Bootstrap 5

Web Frameworks: Django, Node.js

Databases: SQL, MongoDB

Libraries: Pandas, NumPy, Matplotlib

Tools & Platforms: Git, GitHub, VS Code, Jupyter Notebook

Design Tools: Figma, Canva, Wireframing, Prototyping

Certifications & Achievements

- Solved 200+ problems on CodeChef.
- participated in 5 hackathons and won 3 hackathons.
- Mentored 50+ students during a UI/UX workshop, enhancing practical design skills.
- Python for Data Science – NPTEL.
- Python Essentials I – Cisco Networking Academy.
- Introduction to JavaScript Certification.

Languages

English, Tamil, Telugu (Fluent)