Shruti Pandey

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OBJECTIVE

Software developer with academic and project-based experience in Python, Java, SQL, and web technologies. Seeking an opportunity at Deloitte to apply **problem-solving**, **analytical thinking**, and **collaborative development skills** while contributing to client-focused solutions.

SKILLS

Programming Languages: Python, Java, JavaScript, SQL

Web Technologies: HTML, CSS, React, Tailwind CSS

Tools: Git, GitHub, Visual Studio Code

Core Concepts: Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Software Engineering , Database Management Systems (DBMS)

Soft Skills: Leadership, Team Collaboration, Problem Solving, Communication, Adaptability

EDUCATION

Bengal College of Engineering and Technology — **2022 − 2026**
Bachelor of Technology in Computer Science *[CGPA: 7.51 (till 6th semester)]* — Durgapur, West Bengal

Bidhan Chandra Institution for Girls (WBCHSE) — **2022**
Class XII *[Percentage: 67.6%]* — West Bengal

Carmel Convent High School (ICSE) — **2020**
Class X *[Percentage: 78%]* — West Bengal

EXPERIENCE

Project Intern | Infosys Springboard — **2025– Present**

- Gained hands-on experience in Python, NLP, Git, and web development through a project-based internship.
- Developed an **AI-based Resume Analyzer and Skill Gap Detector** to analyze resumes against job descriptions and identify missing skills.

PROJECTS

1. AI-based Resume Analyzer and Skill Gap Detector

- Tech Stack: Python, NLTK (NLP), Pandas, Regex, Git and GitHub
- Developed a Python application to analyze resumes against job descriptions and identify missing skills.
- Built modular scripts for parsing, processing, and skill comparison, providing actionable insights for career improvement. **Link**

2. Personal Portfolio Website

- Tech Stack: React.js, HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, Framer Motion, EmailJS, Git and GitHub, Vercel
- Designed and deployed a responsive portfolio showcasing projects, skills, and experience with smooth animations and modern UI/UX.
- Integrated a functional contact form and continuous deployment pipeline for user interaction. **Link**

3. Deep Learning-Based Dragon Fruit Quality Assessment

- Tech Stack: Python, TensorFlow/Keras (NASNetMobile), OpenCV, Pandas, Matplotlib
- Developed a deep learning model using NASNetMobile to classify dragon fruit as Fresh or Defective, achieving 95 percent accuracy.
- Preprocessed and augmented 3,000 images, trained the model with global average pooling and dense layers, and evaluated using precision, recall, and confusion matrix for robust real-world performance. ***Ongoing***

CERTIFICATIONS

1. Oracle Cloud Database Certification
2. Full Stack Web Development using Java – Ardent Computech Pvt. Ltd.
3. Generative AI – OutSkill
4. Research Paper Presentation – Presented findings via PPT at Jadavpur University