PRACHI SINGHAL

• singhalprachi456@gmail.com • linkedin.com/prachi-singhal-11a416282

SUMMARY

Software engineering student with expertise in Python, Java, and web development. Quick learner and problem-solver, eager to apply skills to real-world projects.

Skills and languages: HTML, CSS, JavaScript, AIML, Cloud, Python, Java, React.js, SpringBoot

EDUCATION

B.Tech, Computer Science and Engineering   2022 – 2026
Noida Institute of Engineering and Technology
CGPA: 8.17

PROFESSIONAL EXPERIENCE

Data Science Intern @ Prodigy InfoTech   Aug 2024 – Sep 2024
- Created data visualizations using Python, Pandas, and Matplotlib to enhance business insights.
- Refined data preprocessing techniques, ensuring cleaner datasets and improving the accuracy of visual reports.

Python Programming Intern @ CodSoft   Aug 2023 – Sep 2023
- Built Python applications, including a To-Do List Manager, GUI Calculator, and Secure Password Generator.
- Utilized Tkinter for GUI, Flask for web development, and NumPy for efficient calculations, ensuring a smooth and interactive user experience.

Web Development Intern @ CodSoft   July 2023 – Aug 2023
- Developed a portfolio landing page using a Django-backend, HTML/CSS, and templating for seamless navigation.
- Built a calculator application with Tkinter and Flask to enhance usability and performance

CERTIFICATIONS

GCP Associate Cloud Engineer - Google Cloud Certification   Feb 2025
Front-End Software Engineering Job Stimulation - Skyscanner   Feb 2025
Data Visualization: Empowering Business with Effective Insights -Tata Group   Jan 2025
Cloud Platform Job Stimulation - Verizon   Nov 2024
Microsoft AI Skills Challenge – Microsoft   Feb 2024

PROJECTS

Spotify Clone   Jan 2025
Created a Python-based music player with playlist-management functionality using Tkinter and VLC audio playback.
Library Management System   Nov 2024
Developed a Java-based system to manage book lending and returns, using JDBC for database connectivity and JavaFX for an intuitive UI.
Tic-Tac-Toe   Sep 2023
Built an interactive Tic-Tac-Toe game using Python with a Tkinter-based GUI.
Password Generator   Aug 2023
Developed a secure password generator tool in Python, allowing users to customize password length and complexity.

ACTIVITIES

Kalakriti Club   Aug 2023 – Present
Leading event decoration and artistic initiatives, enhancing the college's cultural and festive ambiance.
School Head Girl   Aug 2018 – July 2020
Managed student council operations and organized and managed large-scale school events.