

Pushp Choudhary

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EDUCATION

Noida Institute of Engineering & Technology

B.Tech in Computer Science

2022 – Present

Greater Noida, UP

Guru Harkrishan Public School

Completed 12th Grade

Apr 2020 – Mar 2022

New Delhi

EXPERIENCE

Main Flow Services and Technologies Pvt. Ltd.

Jun 2023 – Aug 2023

Intern – Data Analytics

Remote, India

- Gained hands-on experience analyzing over 100,000 records to extract actionable insights, leading to improved forecast accuracy.
- Built interactive dashboards in Power BI to visualize KPIs, enhancing data-driven decision-making.
- Worked with cross-functional teams to align analytics with business strategies, reducing redundant reports by 40%.

Rinex Technologies

Sep 2023 – Nov 2023

Intern – Web Development

Remote, India

- Developed 3 responsive web applications optimized for mobile devices using HTML, CSS, and JavaScript.
- Reduced page load time by 30% through frontend optimization.
- Integrated RESTful APIs to enhance data connectivity, improving user experience for over 200 daily users.

PROJECTS

AI Master – Hands-Free Keyboard & Gesture Mouse — Python, OpenCV, Deep Learning

- Developed an AI-powered accessibility tool combining voice commands and hand gestures, achieving an accuracy of 90% for speech recognition and 85% for gesture recognition.
- Improved hands-free interaction and navigation speed by 40%.

SoulCare – Mental Health Sentiment Web App — ReactJS, Flask, NLP

- Deployed a real-time sentiment analysis tool (92% accuracy) to automate therapy recommendations, reducing therapist workload by 30%.
- Served over 500 users within the first month of deployment.

Financial News Sentiment Analyzer — Python, TensorFlow, Web Scraping

- Engineered a tool analyzing 10,000+ financial articles daily to predict market sentiment with 88% model accuracy.
- Enabled timely investment decisions and reduced manual analysis time by 70%.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript

Data Analytics & Visualization: Power BI, Tableau, Pandas, NumPy, Matplotlib

Machine Learning & AI: TensorFlow, Scikit-learn, NLP, Sentiment Analysis, Deep Learning

Web Development: HTML5, CSS3, ReactJS, Flask, Responsive Design

Cloud Platforms: AWS (EC2, S3, IAM), Google Cloud Platform (GCP)

Databases: MySQL, MongoDB

Version Control & Tools: Git, GitHub, VS Code, Jupyter Notebook

CERTIFICATIONS

- CCNA: Introduction to Networks – Cisco (May 2025)
- CCNA: Switching, Routing, and Wireless – Cisco (May 2025)
- CCNA: Enterprise Networking, Security – Cisco (May 2025)
- Introduction to Cybersecurity – Cisco (May 2025)
- Google Cloud Fundamentals – Coursera (Nov 2023)
- AWS Cloud Security – AWS Academy (Sep 2023)