Avinash Shukla

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Education

COER University (College of Engineering Roorkee)   Expected June 2026
Bachelor of Technology in Computer Science (2023 – Present)

Phonics Group of Institution   June 2023
Diploma in Mechanical Engineering

Skills Summary

Programming Languages: Python
Development Tools: VS Code, Git, Power BI
Soft Skills: Teamwork, Communication, Time Management, adaptability

Internship Experience

Machine Learning Intern — Internshala   2024

- Cleaned and transformed raw datasets using Pandas and NumPy to improve model accuracy.
- Improved model accuracy by 15% through hyperparameter tuning and algorithm optimization.
- Reduced preprocessing time by 30% by automating feature engineering pipelines.
- Tuned hyperparameters and optimized algorithms to enhance efficiency.

Web Development Intern — Internshala   2024

- Built interactive and responsive UIs using React.js, HTML, CSS, and Bootstrap.
- Developed APIs and handled requests using Node.js and Express.js.
- Used MongoDB for efficient data storage and retrieval.
- Deployed applications on Heroku and Firebase.
- Managed codebase and collaborated using Git/GitHub.

Projects

AI-Powered Career Prediction and Recommendation System (Cloud Deployment)

- Built an AI-powered career recommendation system using Python, Scikit-learn, and Flask.
- Streamlit Cloud is deployed for free hosting, scalability, and real-time accessibility.
- Designed a user-friendly interface for personalized career guidance.

Amazon Sales Analysis using Power BI

- Analyzed Amazon's sales data (2010–2017) to extract business insights.
- Designed a 4-page dashboard showing sales trends and revenue distribution.
- Applied DAX for advanced BI reporting.

Sign Language Detection (Python)

- Built a real-time sign language recognition system using webcam input.
- Used OpenCV for image processing and TensorFlow for predictions.
- Applied CNN for gesture classification.

Certifications

- Machine Learning Internship Certificate – Internshala
- Web Development Internship Certificate – Internshala