



# Nishant Kaushal

Full-Stack Developer | Data Scientist

## EDUCATION

Master of Computer Application  
Seacom Skills University, Bolpur (W.B)  
Dec 2023 -Present

## CONTACT

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## LANGUAGES

- English: Fluent
- Hindi: Native

## CERTIFICATES

- Data Science Masters – PW Skills
- Full-Stack Web Development –PW Skills

## SUMMARY

Versatile Full-Stack Web Developer and Data Scientist with expertise in building scalable web applications and deploying AI-driven solutions. Proficient in front-end (React, Next.js), back-end (Node.js, Flask), databases (MySQL, MongoDB), and machine learning (TensorFlow, PyTorch). Experienced in cloud services (AWS, GCP), CI/CD pipelines, RESTful APIs, and data visualization. Passionate about optimizing user experiences and driving data-driven decision-making through end-to-end software development.

## SKILLS

### Technical Skills

- Programming & Scripting:** Python, JavaScript, HTML5, CSS3, SQL
- Front-End Development:** React, Next.js, Tailwind CSS
- Back-End Development:** Node.js, Flask, Express
- Databases:** MySQL, MongoDB
- Machine Learning & AI:** TensorFlow, PyTorch, NLP, Generative AI, Pandas, NumPy, Matplotlib
- Big Data & Cloud Computing:** Spark, Kafka, AWS, GCP
- DevOps & Tools:** Docker, CI/CD, Git, Power BI, Data Visualization

### Soft Skills

- Problem-Solving, Communication, Teamwork, Project Management

## PROJECTS

### Conversational Medical Chatbot

- Built an end-to-end AI chatbot using **LangChain, Groq, Flask, and Google Generative AI** to provide text and image-based medical responses.
- Deployed the model on **AWS** for scalability and accessibility.

### Personal Portfolio Website

- Designed and developed a responsive portfolio using **React, Next.js, and Tailwind CSS** to showcase coding skills and projects.
- Implemented **SEO optimization** to improve online visibility.

### Object Detection System (YOLOv5)

- Developed an **object detection model** using YOLOv5 and PyTorch for real-time image recognition.
- Integrated the model into a **Flask-based web application** for seamless interaction.

### Sign Language & Face Emotion Detection (YOLOv11)

- Created a **deep learning model** to interpret sign language gestures and detect facial emotions using YOLOv11.
- Trained the model on large datasets for improved accuracy and real-time predictions.