

# Sanjay Kumar

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📍 Bhilai, Chhattisgarh

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## Education

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06/2022 – present **Rungta College of Engineering and Technology**  
Bhilai, India Bachelors of Technology ; CGPA: 7.3

05/2020 – 05/2022 **MS Memorial Academy**  
Patna, India Percentage - 79.2%

## Experience

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05/2025 – present **Associate Software Engineer Intern**  
Indore, India *ACCENTURE*

- Collaborated on a client project for **Roche**, transforming and structuring complex healthcare data to enable advanced analytics and reporting.
- Gained hands-on experience with **Snowflake** for **cloud-based** data warehousing and applied **DBT** to develop scalable, modular data transformation pipelines.
- Contributed to the design and implementation of a robust data architecture to support business intelligence initiatives and data-driven decision-making.

01/2024 – 02/2024 **Front End Developer**  
Bhilai, India *Coders Crux*

- Developed and optimized dynamic login and signup pages using the **MERN stack** (MongoDB, Express.js, React, Node.js) with **JavaScript** functionality.
- Designed responsive, user-friendly interfaces with HTML, CSS, and **React Router** for smooth client-side navigation.
- Built scalable **front-end** modules using React's component-based architecture while collaborating on clean, maintainable **full-stack** code.

## Projects

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### AI-Powered Face Recognition Attendance & Assignment Evaluation System

Role: AI/ML & Backend Developer

- Built a real-time face recognition system using **MTCNN** (DeepFace), **ArcFace** embeddings, and **Cosine Similarity** for secure, automated attendance via webcam and image input.
- Developed a Siamese **Neural Network** for handwriting verification, enabling automated assignment authentication against stored samples.
- Architected a modular backend (**Node.js, Python**) with secure **REST APIs** (JWT), optimizing AI pipelines for preprocessing, embedding, and evaluation at scale.

## Skills

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### Languages

C++, Python, Javascript, SQL, Java

### Frameworks

React, Node.js

## Certificates

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- Snowflake workshop [🔗](#)
- DBT Fundamentals [🔗](#)