

# PULAKALA SUJIT KUMAR

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## Education

### NIST University

*Bachelor of Technology in Computer Science and Engineering*

**Sep 2022 – May 2026**

*Berhampur, Odisha*

### Saint Xavier's High School

*12th Standard*

**July 2019 – May 2021**

*Ambapua, Odisha*

### Kendriya Vidyalaya Gopalpur Military Station

*10th Standard*

**July 2018 – May 2019**

*Gopalpur, Odisha*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Web Designing
- Software Engineering
- Database Management
- Frontend Development
- Cloud Engineering

## Experience

### Computer Vision Intern, NIST University

**June 2023 – August 2023**

*Berhampur, Odisha*

- Worked on a Computer Vision research project using Machine Learning under the guidance of faculty at NIST.
- Developed a Hindi Digit Recognition system where users write digits on paper, and a webcam captures and classifies them using a trained ML model.
- Trained a Convolutional Neural Network (CNN) on Devanagari handwritten digit dataset using TensorFlow and Keras.
- Integrated OpenCV for real-time webcam input, preprocessing, and prediction pipeline.
- Improved prediction accuracy through data augmentation and model optimization techniques.

## Projects

### AI Interview Mocker Platform

**December 2024**

- Built a responsive AI-powered mock interview platform using Next.js, Firebase, and Tailwind CSS for seamless user experience and scalability.
- Integrated Vapi AI and Google Gemini to simulate real-time, conversational mock interviews tailored to specific roles and domains.
- Utilized shadcn/ui for building modular, accessible UI components and ensured consistent design across the platform.
- Enabled users to receive instant AI-generated feedback and performance insights to improve interview readiness.
- Checkout my Work:- [ai-interview-platform-taupe.vercel.app](https://ai-interview-platform-taupe.vercel.app)

### Academic SGPA Calculator

**March 2025**

- Developed a responsive web application using HTML, CSS, and JavaScript to help students calculate their semester-wise SGPA.
- Enabled users to input grades and credits for each subject, and dynamically computed the overall CGPA up to the current semester.
- Integrated an auto-conversion feature to display the equivalent percentage based on standard academic formulas.
- Designed a clean and intuitive UI to enhance usability across devices, ensuring seamless academic tracking for students.
- Checkout my Work:- [academic-grade-calculator.vercel.app](https://academic-grade-calculator.vercel.app)

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, JavaScript, SQL, React JS, TypeScript, Bash

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform, Android Studio, Postman, Docker Desktop, Git

**Technologies/Frameworks:** Linux, Jenkins, GitHub, WordPress, Node.js, Express.js, Firebase, Tailwind CSS, MongoDB, Next.js, REST APIs

## Leadership / Extracurricular

### Coding Club, NIST University

**2023 – Present**

*Active Member*

*NIST University*

- Collaborated on open-source projects and peer-learning sessions.
- Actively participated in various intra-college sports events, promoting teamwork and discipline.
- Volunteered in the annual Sankalp event organized by the college, contributing to event management and coordination.