Pulakala Sujit Kumar

Main Road Gopalpur, Berhampur, Odisha 761002

📞 9692249896 ✉ pulakalasujit001@gmail.com in linkedin.com/in/pulakala-sujit-kumar �ന github.com/sujitkumar001

Education

NIST University	**Sep 2022 – May 2026**
Bachelor of Technology in Computer Science and Engineering	*Berhampur, Odisha*

Saint Xavier's High School	**July 2019 – May 2021**
12th Standard	*Ambapua, Odisha*

Kendriya Vidyalaya Gopalpur Military Station	**July 2018 – May 2019**
10th Standard	*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

Personal Portfolio Website — **August 2024**

- Built a responsive and interactive website to showcase my projects, skills, and achievements.
- Developed using HTML, CSS, JavaScript, Frameworks/Libraries like React/Bootstrap.
- Deployed or Hosted on Netlify Platform.
- Checkout: sujitpersonalportfolio.netlify.app

Expense Tracke — **December 2024**

- Designed and developed a responsive web application using React.js and Node.js to manage personal finances.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Transaction Management GUI — **January 2025**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all acounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, React JS
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: Linux, Jenkins, GitHub, WordPress

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.