

# Sujal Bagade

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## Education

### Dr. D Y Patil Institute of Technology

BE in Computer Engineering | CGPA: 8.9/10  
Honours in Data Science

Dec 2021 – June 2025

### Matoshri Junior College

Higher Secondary Education | Percentage: 89%

Aug 2019 – Jul 2021

## Skills

- **Certifications:** [Google Cloud Fundamentals \(Google Cloud\)](#), [Back-End Development \(Meta\)](#), [Databricks Generative AI Fundamentals](#).
- **Technical Skills:** C, C++, Java, Python, HTML, CSS, JavaScript, React, Solidity, Docker.
- **Tools:** Google Cloud Console, AWS, Git, GitHub, Postman, Ganache, Truffle, Canva, Figma.
- **Others:** Leadership, Management, Communication, Problem Solving.

## Experience

### Software Engineer – XDE Studios

Jan 2024 – Present

- Developed and managed ML models, AI solutions, and RAG systems to optimize product functionality.
- Led creation of an NFT platform using Blockchain, Solidity, and React.
- Built data processing and visualization systems with FastAPI, OpenCV, PaddleOCR, and React.

### Blockchain Lead – Google Developer Students Club

Oct 2024 – Present

- Conducted workshops for 100+ students on DApps, smart contracts, and NFTs.
- Guided development of DeFi and tokenization projects.

### Secretary – Association of Computer Engineering Students

June 2023 – Present

- Advanced the club's mission of promoting technical excellence.
- Maintained communication with members and external organizations.

## Projects

### PORTVISION

- Built a camera control system for shipping ports: snapshot capture, XML camera settings, container monitoring.
- Tech stack: FastAPI, OpenCV, PaddleOCR, React, Material UI, HTTP Digest Authentication.

### SCALP-SENSE

- Developed a ML model to detect scalp conditions using TensorFlow.
- Deployed solution using Python, React, FlaskAPI.

### RAGBOT

- Created a chatbot platform with Retrieval-Augmented Generation (RAG) and vectorized storage.
- Built with Python, React, FlaskAPI; deployed on AWS EC2.

## Achievements

- Winner: All India Blockchain Alliance Hackathon 2023 ([Link](#)).
- Completed 120+ Google Cloud Skills Boost Labs ([Link](#)).
- 9 Google Cloud Badges Earned ([Link](#)).
- Runner-up: Actual01 Python Hackathon.
- Runner-up: DevClash (Web3 Hackathon).
- Rank 7 (Internal Hackathon): Smart India Hackathon.