

# AYUSH BECHAN JHA

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## EDUCATION

### VIT Bhopal University

*B.Tech in Computer Science Engineering; CGPA: 8.40*

Bhopal, India

*Aug. 2022 – Mar. 2026*

### CHH.SHAHU COLLEGE

Kolhapur, India

*12th Standard; Percentage: 62.33%*

*Jun. 2021 – Mar. 2022*

### SDA ICSE School

Kolhapur, India

*10th Standard; Percentage: 69.70%*

*Jun. 2019 – Mar. 2020*

## TECHNICAL SKILLS

**Languages:** C/C++, Java, SQL

**Web Development:** HTML, CSS, JavaScript

**Database:** MySQL

**Tools & Technologies:** Git, Machine Learning

## PROJECTS

### Object Detection and Image Detailing System

- Developed an AI-powered system for detecting objects in images and providing detailed descriptions, enhancing accessibility and automation.
- Accurate and Efficient: Leveraged deep learning models to ensure precise object recognition and contextual detailing.
- Automated Image Processing: Enabled real-time analysis and annotation for improved usability.
- User-Friendly Interface: Designed an intuitive front-end for seamless interaction and result visualization.
- Technologies Used: Python, OpenCV, TensorFlow, HTML, CSS, JavaScript.
- Role: Designer and Frontend Developer.

### AgroVita – Smart Agriculture Web Platform

- Built a web-based platform to assist farmers with crop planning and affordable access to agricultural equipment.
- Crop Prediction System: Implemented backend logic to analyze soil, weather, and environmental data to recommend optimal crops.
- Agricultural Marketplace: Developed functionalities for renting, buying, and selling tools to improve accessibility and affordability.
- Scalable Architecture: Designed a modular backend to support future enhancements and database integration.
- Technologies Used: Python, Flask, MySQL, REST API, HTML, CSS
- Role: Role: Backend Developer

## EXTRACURRICULAR ACTIVITIES & CERTIFICATIONS

### SWAYAM-NPTEL

*Online Cloud Computing Course*

### Coursera

*IBM AI Engineering Professional Certificate*

### ORACLE

*SQL ON ORACLE CLOUD*

### IBM

*GEN-AI*

### SWAYAM-NPTEL

*MARKETING ANALYTICS*

## ADDITIONAL INFORMATION

**Languages:** English (Fluent), Maithili(Native), Marathi (Fluent), Hindi (Fluent)

**Competencies:** Creative Thinking , Problem Solving , Management Skills , Assisting Supporting Others , Patience , Active Listening , Resolving Conflicts , Positive attitude , Leadership Teamwork.

**Interests:**Technology, Swimming, Sports, Travelling, Cooking, Art and craft.