

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.