

Bhavya N Jain (she/her)

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EDUCATION

VIT Bhopal University

B. Tech in Computer Science and Engineering

Specialization: Cloud Computing and Automation

Cumulative GPA: 8.55/10

Bhopal, MP

October 2022 - 2026

(Expected)

St. Matthew's School

Class XII (CBSE)- 78%

Udaipur, Rajasthan

April 2021 - July 2022

St. Paul's School

Class X (CBSE)- 80%

Udaipur, Rajasthan

April 2019 - July 2020

SKILLS

- **Technical Skills** Java, SQL, Prisma, NeonDB, HTML, CSS, ShadCN UI, AWS, VS Code, Streamlit, Git, GitHub
- **Languages** English (Professional), Hindi (Native)

CERTIFICATES

- HTML-CSS-Javascript-for-Web-Developers, (Johns Hopkins University)
- Gen - AI, (IBM)
- AWS Solution Architect, (Ethnus)

PROJECTS

Workflow Automation Platform

Next.js 14, Tailwind CSS, ShadCN UI, Prisma, Clerk Auth, React Flow, UploadCare, NeonDB

- Built a no-code automation platform enabling workflow creation across Google Drive, Slack, Notion, and Discord without third-party libraries.
- Developed a drag-and-drop visual editor using React Flow for designing and managing custom automation flows.
- Integrated user authentication and account management using Clerk, with data persistence handled via Prisma and NeonDB.
- Engineered file uploads and credit-based usage tracking through UploadCare and custom logic.
- Designed a modern, responsive UI with support for dark/light themes using Tailwind CSS and ShadCN UI components.

Intelligent Image Analysis Platform

Python, Streamlit, AWS Bedrock, Boto3

- Built a vision analysis tool leveraging Amazon Bedrock for real-time content moderation and product description generation from images.
- Developed modular pipelines for image preprocessing, content classification (explicit, suggestive, violence) and branded product identification.
- Implemented PRIZM-based customer segmentation algorithms to automatically generate targeted product descriptions tailored to consumer profiles.
- Integrated Claude 3 Sonnet API for multimodal prompt handling and streaming responses with full support to image and contextual text.
- Designed a user interface using Streamlit enabling batch image uploads, live previews, and interactive moderation/description flow.

CODING PLATFORMS

- **LeetCode:** 230+ algorithmic problems solved, focusing on data structures, algorithms.
- **GitHub:** 234+ contributions (last year) showcasing personal project development.
- **GeeksforGeeks:** Coding score 1478

EXTRACURRICULAR

- **Coding Challenges:** 145+ consecutive days of consistent programming practice
- **Hackathon Participation:** Smart India Hackathon.
- **Clubs:** Collaborated with team members to plan, execute, and manage club activities.
- **Hobbies :** Travel, drawing, and Stargazing.