

# Bhavya N Jain

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## Education

### Vellore Institute of Technology

May 2026

B.Tech - CSE with Cloud Computing and Automation

Cumulative GPA: 8.6/10

## Skills

- **Programming Languages:** Java, SQL, HTML, CSS, JavaScript
- **Frameworks & Libraries:** React, Express, Node, MongoDB
- **Developer Tools:** Git, GitHub, VS Code, AWS (Basic), Salesforce (Admin)
- **Relevant Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks

## Projects

### Intelligent Image Analysis Platform

[[live link](#)]

#### Python, Streamlit, AWS Bedrock, Boto3

- Built an AI-driven image analysis tool using Amazon Bedrock with 0.8 and 0.9 thresholds for classification and moderation accuracy.
- Engineered a 2-stage workflow for explicit content detection and brand identification.
- Integrated Claude 3 Sonnet API for multimodal processing and PRIZM-based customer segmentation.
- Developed a Streamlit interface with batch uploads and Base64 image handling for efficient processing.

### DriveEasy

[[live link](#)]

#### React.js, Express.js, Node.js, MongoDB, JWT, bcrypt, ImageKit

- Developed a full-stack vehicle rental application with location-based search, date filtering, and real-time availability management.
- Implemented secure authentication and authorization using JWT and bcrypt, including session validation and user profile management.
- Designed a dynamic booking flow with date-picker integration and optimized car filtering to improve user experience.
- Created an admin dashboard enabling CRUD operations for vehicle inventory and booking management.
- Improved frontend performance and reduced image load latency using ImageKit CDN.

### Workflow Automation Platform

#### Next.js, Tailwind CSS, ShadCN UI, Prisma, Clerk Auth, React, NeonDB

- Built a no-code automation platform integrating 4 major services (Google Drive, Slack, Notion, Discord) with zero external SDK dependencies.
- Created a drag-and-drop workflow builder to design and manage multi-step automation flows.
- Implemented secure user authentication (Clerk) and data persistence (Prisma ORM + NeonDB) to support multi-user access.
- Designed a file upload module with UploadCare and added credit-based activity tracking for workflow monitoring..
- Delivered a responsive UI with 2 themes (light/dark) using Tailwind CSS and ShadCN components.

## Certificates

- AWS Academy Graduate - Cloud Architecting | Amazon Web Services Apr 2025
- AWS Academy Graduate - Cloud Foundations | Amazon Web Services Mar 2025

## Extracurricular

- **CTDP Trainee - PwC India:** Completed Salesforce training program covering 8 modules including objects, relationships, App Builder, configuration setup, Sales & Service Cloud, automation tools, AppExchange, and Salesforce AI capabilities.
- **Coding Excellence:** Maintained 145+ consecutive days of programming practice and solved 200+ problems across platforms including LeetCode, GeeksforGeeks, and others.
- **Languages:** English (Professional), Hindi (Native).