

# ADITYA SHUKLA

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## EDUCATION

VIT Bhopal University	2022 - Present
B. Tech. (Computer Science Engineering)	8.67 CGPA

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript | **Web:** HTML, CSS, React.JS, Express.JS (Node.JS)

**DB:** SQL, MySQL, PostgreSQL | **Tools:** AWS, GitHub, MS Office suite

## PROJECTS

Advance Code Evaluator	(July 2025 - September 2025)
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*Custom trained agentic AI model for Code Evaluation*

- Built a professional code evaluation platform for universities with advanced code quality analysis and plagiarism detection supporting multiple languages (Python, JS, TypeScript, Java, C++, etc.).
- Used **React/Next.js** for frontend, **Node.js/Express** for backend, and integrated real-time analytics, batch processing, and CSV report export.
- Included secure file validation, bulk assignment uploads, detailed feedback, automatic grading, and risk-based plagiarism reporting.

Optical Character Recognition (OCR) Module	(March 2025 - May 2025)
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*Real-Time Text Extraction*

- Developed a real-time OCR system in **Python** using **Pytesseract**, **OpenCV**, and **Pillow** for text extraction.
- Implemented preprocessing techniques such as grayscale conversion, thresholding, edge detection to enhance accuracy and automatic noise detection/removal (Gaussian/impulse).

Resume Builder	(October 2024 - December 2024)
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*Builds ATS-Friendly Resumes*

- Built a full-stack resume builder web app using **React (Vite)** and **NestJS**, designed to run entirely on a local machine without deployment.
- Used **PostgreSQL** for data management and integrated **Puppeteer** to generate PDF resumes locally.

## CERTIFICATIONS

Oracle AI Vector Search Professional (1Z0-184-25)

AWS Cloud Practitioner (CLF-C02)

Oracle OCI Data Science Professional (1Z0-1110-25)