

VANSHIKA AWASTHI

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Education

VIT Bhopal University

Bhopal, Madhya Pradesh

Bachelor of Technology (B.Tech) in Computer Science and Engineering

July 2022 - July 2026

- Specialization: Cloud Computing and Automation
- Cumulative GPA: 8.56/10.0

RPS Public School (CBSE Board)

Dharuhera, Haryana

Higher Secondary Education [Class XII] - 87.3%

July 2021

RPS Public School (CBSE Board)

Dharuhera, Haryana

Matriculation [Class X] - 86%

May 2019

Technical Skills

Programming & Backend: HTML, CSS, Java, Python, Node.js, React, Frameworks (Flask, SpringBoot), REST APIs, Databases (MySQL, MongoDB), Jenkins, AWS, Docker, Kubernetes, Linux, Git

Machine Learning & Data Tools: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow

Projects

IntelliCRM | AI-Powered Multi-Tenant SaaS CRM Platform | [GitHub](#)

August 2025 - Ongoing

- **Tech Stack:** React.js, Node.js, MySQL, AWS
- Built an AI-powered SaaS CRM platform with tenant-specific dashboards, lead pipeline management, and analytics
- Optimized database queries for smooth data handling and model integration to achieve faster tenant-level analytics retrieval

AI Quotev | AI Quiz Generator | [GitHub](#)

May 2025 - June 2025

- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, OpenAI API, MongoDB, Prisma ORM
- Developed a web app that generates quizzes dynamically from custom topics using OpenAI API with real-time scoring and feedback
- Fine-tuned prompt engineering and scoring logic to reach 90% accuracy in question relevance and answer evaluation during testing

BeatWell | Heart Attack Risk Predictor | [GitHub](#)

July 2024 - April 2025

- **Tech Stack:** Python, Flask, Scikit-learn, AWS, XGBoost Model
- Engineered a heart attack prediction web app using Flask and Scikit-learn, integrating an XGBoost model for real-time inference on clinical data
- Achieved 87% prediction accuracy using an XGBoost model trained on 13 features from the UCI Cleveland dataset (80/20 split); deployed frontend via AWS Amplify

Certifications

AWS Cloud Practitioner - CLF-C02 - Amazon Web Services (September 2025)

SQL on Oracle Cloud - Oracle (July 2025)

GenAI with Watson - IBM (August 2025)

The Bits and Bytes of Computer Networking - Google (December 2023)

Leadership Experience

Stats-O-Locked Club

VIT Bhopal University

Student Co-ordinator

Feb 2024 - Feb 2025

- Led a cross-functional team of 20+ members across 4 departments, streamlining workflows and improving coordination for club operations
- Successfully organized 3 flagship events with 150+ registrations, achieving high engagement and positive feedback

Additional Information

Languages: English, Hindi

Interests: Problem-Solving & Algorithm challenges, Behavioral Psychology