# 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**: Java, Python, Node.js, React, Frameworks (Next.js, Flask, SpringBoot), Maven, REST APIs, Databases (MySQL, MongoDB), Jenkins, AWS, Docker, Kubernetes, Linux, Git
**Machine Learning & Data Tools**: NumPy, Pandas, Matplotlib, Scikit-learn

## 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