# VISHAL SONI

📞 +91 63751 88332   ✉ vishalsoni6350@gmail.com   in linkedin.com/in/vishalsoni18

## Education

**Vellore Institute of Technology, Bhopal**                    **Sep 2023 – Present**
*B.Tech in Computer Science and Engineering — CGPA: 8.60/10 (till Sem 5)*     *Bhopal, India*

**Tagore Public School (CBSE)**                    **Apr 2008 – May 2023**
*Class XII: 90%    —    Class X: 85%*     *Surajgarh, Rajasthan*

## Achievements

— Secured **All India Rank 207** in **CodeVita Season 13 – Round 1** and **Rank 3** at VIT Bhopal University.

## Projects

**Arvis – Online Ticketing System** *(PHP, AWS Lambda, MySQL, Cashfree, JavaScript)* Sep 2024 – Dec 2024
— Architected a serverless online ticketing platform supporting bus, train, flight, and event bookings.
— Designed backend services using **AWS Lambda and Amazon RDS** to handle concurrent user requests efficiently.
— Integrated **Cashfree Payment Gateway** with secure transaction flow and webhook-based verification.
— Built a responsive frontend with **real-time booking updates**, dark mode, and smooth UI animations.

**Cafe Management System** *(React, Node.js, AWS Lambda, DynamoDB, Stripe API)* Mar 2024 – Present
— Developed a serverless web application for online ordering, menu management, and customer payments.
— Implemented REST APIs using **AWS Lambda and API Gateway** for order processing and status updates.
— Used **DynamoDB** for low-latency storage and scalable retrieval of order data.
— Integrated **Stripe API** for secure payment handling and transaction management.

**Face–Body Detection Suite** *(Python, OpenCV, MediaPipe, Machine Learning)*     Feb 2024 – Apr 2024
— Built a computer vision system for facial recognition, posture detection, and face extraction.
— Implemented real-time facial recognition using **OpenCV and face_recognition** library.

## Certifications

— Frontend Developer (React) – HackerRank
— SQL (Advanced) – HackerRank
— Applied Machine Learning in Python – Coursera
— Introduction to Internet of Things – NPTEL
— Advanced Kubernetes/AKS Network & Infrastructure – Udemy

## Technical Skills

**Languages**: Python, Java, C++, PHP, JavaScript, SQL
**Cloud**: AWS (Lambda, RDS, S3, EC2), Google Cloud (Cloud Run, Firebase)
**DevOps**: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform
**Frameworks**: React, Linux, ArgoCD, JUnit

## Leadership & Extracurricular

**Tech Lead**                    **2024 – Present**
*SpaceVita & Rajasthani Club*
— Mentored 50+ students through workshops and hackathons, improving technical exposure and project execution.

**Discipline Lead**                    **2023 – Present**
*Hostel Committee*
— Selected among 500+ applicants to oversee student discipline and hostel operations.