

Rajat Kabra

Email | [LinkedIn](#) | [Github](#) | +91 74477 84692
Nanded, India

EDUCATION

VIT BHOPAL UNIVERSITY

(Vellore Institute of Technology)

**BTECH - COMPUTER SCIENCE
WITH CLOUD COMPUTING &
AUTOMATION**

Sep 2021 - Sep 2025 | GPA: 9.02/10

NIRMAL VIDYALAYA

MSBSHSE - MATHEMATICS

Jun 2020 - Aug 2021 | Grade: 100%

PIS, NANDED

(Podar International School)

CBSE - CLASS X

Apr 2018 - Jun 2019 | Grade: 92.2%

COURSEWORK

UNDERGRADUATE

Applied Mathematics

Cloud Computing

Object Oriented Programming

Data Structures & Algorithms

Operating Systems & Computer

Networks

Database Management

Artificial Intelligence & Machine

Learning

SKILLS

PROGRAMMING

Languages:

- **Advance:** Java, SQL
- **Intermediate:** C, C++, Python
- **Novice:** Kotlin, JavaScript

Tools:

- AWS • GCP • Git • IBM Watson
- Linux • Windows • VMware
- VirtualBox • Docker • Kubernetes

Database:

- MySQL • SQL Server • MongoDB

Framework & Technologies:

- Bootstrap • TensorFlow • PyTorch
- Keras • CSS • HTML • NLP • Data Science • Cloud Computing

LANGUAGES

Marwadi • Mother tongue

Hindi • Fully Fluent

English • Fluent

Marathi • Fluent

OTHERS

- Leadership • Team Player • Problem Solver • Time Management

INTERNSHIP

SMARTBRIDGE | SALESFORCE ADMINISTRATOR

Nov 2023 – Dec 2023 | Virtual | India

- Completed an 8-week Salesforce Administrator Virtual Internship, mastering key modules including Organizational Setup, **Process Automation**, and **Data Management** on Salesforce Trailhead.
- Gained hands-on experience in Salesforce administration for effective system management.

PROJECT(S)

ADAPTIVE TRAFFIC CONTROL SYSTEM | PYTHON, OPENCV, TENSORFLOW

Nov 2022 – Jun 2023

- Made an **adaptive multi-tracker** to control and manage the on-road vehicles cutting out the time spent by 50% by implementing centralized control systems.
- Created a prototype collaborating with colleagues and industry expert with an excel knowledge on **deep learning**, **computer vision** and machine learning.
- Submitted traffic management system proposal to Bhopal Traffic Police

STUDENT TRACKER | OPENCV, PYTHON, SQL, CLOUD, TENSORFLOW

Jun 2022 – Dec 2022

- Advanced the tracker to get students' performance reducing human cost by 50% and managing the automated task by improving accuracy by 90%.
- Developed a Front-end Excel macro and standardized reporting templates, resulting in efficient **data collection** and a 35% reduction in turnaround time.
- Proposed knowledge base of 80 internal resources, improving employee onboarding and reducing time spent per project on administrative tasks by 40%.

EXTRA-CURRICULARS

CERTIFICATION(S)

- **AWS Certified Cloud Practitioner**(ongoing)
- **Android Application Development** at SmartInternz (Dec 2023)
- **MGrow AWS Solution Architect Training** (Dec 2023)
- **IBM AI Professional Certificate**, Coursera (Feb 2023)
- **Data Science Certificate** at Cognitive Classes (Jan 2023)

ACHIEVEMENT(S)

- **National Finalist** at National Engineering Olympiad (NEO) - 2022
- **Maharashtra State Board 2021 Topper:** Highest-ranking student statewide, excelling academically with exceptional dedication.
- **GVDSP Scholarship Recipient:** Granted the esteemed GVDSP Scholarship, a fiercely competitive program offering a full tuition fee waiver for 4 years.
- **Ramanujan Mathematica Club:** Rank 1st in Quiz competition

RESPONSIBILITIES(S)

- Core member at **Software Development Club** (2022)
- Completed over 320 problems on **Leetcode**, achieving a ranking of 191,763.