

# DEVEN RANDIVE

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## EDUCATION

### Viva Institute of Technology

Sep.2020 - June 2024

-Bachelor of Engineering, Computer Science [Ongoing-sem 8]- **CGPA - 8.39**

Mumbai

-Computer Society of India(CSI) Publication Head [2022-2024]

### Samata Vidya Mandir School

March 2018

- SSC [Maharashtra State Board]- **Percentage - 86.20%**

Mumbai

## EXPERIENCE

### Inverse Technologies Pvt Ltd

Jan.2023 - March 2023

*Freelance*

-Remote

- Redesigned the website structure and completed development using React.js, Node.js and Express.js.
- Task included creating websites, integrating databases, and addressing any encountered errors.
- Demonstrated effective problem-solving skills to deliver bug-free websites to clients.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

## PROJECTS

### Brain Tumor Detection [🔗](#) | VGG16 Model , OpenCV , TensorFlow/Keras

July 2023

- Brain Tumor Detection is a deep learning project aimed at classifying brain tumor images using the VGG16 model.
- The classification is based on four categories: Glioma, Meningioma, No Tumor, and Pituitary. Total 5712 images were used for training the VGG16 model.
- The project utilizes a convolutional neural network architecture, specifically VGG16, along with OpenCV and TensorFlow/Keras for image processing and model implementation.

### Krushak- A Farmer's Equipments Rental App [🔗](#) | Flutter, Firebase | Youtube [🔗](#)

August 2022

- Krushak App is a revolutionary farmer's equipment rental platform, developed using Flutter and Firebase, aimed at modernizing and simplifying the process of accessing agricultural equipment for farmers.
- The app provides an efficient and user-friendly interface, supporting multiple languages, chat and communication, equipment uploads, user profiles, verification, search filters, rating and reviews, etc.
- It was developed as a part of VIT Imperia 2023 program and was one of the finalist projects.

### CrimiAlert [🔗](#) | Python, ResNet, YoLo, MySQL

March 2023

- Showcased rapid problem-solving and teamwork skills by innovating "CrimiAlert," an advanced criminal identification system for CCTV surveillance, during an intercollege hackathon.
- Deployed image recognition via CCTV and video footage to identify individuals and developed an automated alert system sending thief details, location, and timestamp to the police.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, JavaScript.

**Databases:** MongoDB, Firebase, MySQL.

**Developer Tools:** VS Code, Android Studio, IntelliJ Idea Ultimate.

**Technologies/Frameworks:** Linux, GitHub, Git, ReactJS, NodeJS, ExpressJS, Flutter.

## ACHIEVEMENTS

- VIT IMPERIA Project Competition [2023] Third place. [🔗](#)
- Google Developer Student Clubs [GDSC], successfully completed over 25 Android Development codelabs, earning 16+ badges to validate proficiency in various aspects of mobile application development. [🔗](#)
- Participated in More than two 24-hour offline Hackathons - CodeCrush 1.0, MegaHack 3.0, Imperia 2023 [🔗](#)

## CERTIFICATIONS

- **Udemy** – Advanced Foundations of Python Programming [🔗](#)
- **Udemy** – C++ [🔗](#)
- **Simplilearn** – Completed Web Development BootCamp 2024 [🔗](#)
- **DevTown** – Completed a 7 days Bootcamp on Back-End Web Development using Node.js [🔗](#)