

DEVESH DHOTE

B.Tech. Information Technology,
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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2023	B.Tech. (IT)	Government College of Engineering, Amravati	8.7/10
2018	CBSE Board (HSC)	Jawahar Navodaya Vidyalaya, Washim	75 %
2016	CBSE Board (SSC)	Jawahar Navodaya Vidyalaya, Washim	9.2/10

Areas of Interest

- Cloud Technology
- Machine Learning
- React-Java Full Stack
- DSA
- DBMS

Technical Skills

- **Programming Languages:** Python 3, C/C++, JAVA,
- **Python Libraries:** BOTO3, Ansible, TensorFlow, PyTorch, NumPy, Pandas, Matplotlib, Selenium, TKinter, Flask
- **Full Stack:** Spring boot, ReactJS, NodeJS, HTML, CSS, JS, SQL

Experience

- **Software Developer Engineer | Siemens Digital Industries Software** (Jun'23 - PRESENT)
 - **Project: Cloud Operations and Optimization for Teamcenter PLM software**
 - * Primarily focused on in-place upgrade and blue-green deployment, gaining insights into cloud system automation.
 - * Developed automation scripts to manage **AWS** resources, Resulted in 25% team efficiency increase, 20% cost reduction
 - * Developed a CI/CD pipeline to automate the launch of **Ansible** workflows using AWS Lambda
 - * Actively participated in team discussions, offering ideas and solutions to overcome project challenges
- **Software Developer Intern | Pratiti Technologies** (Jan'23 - Apr'23)
 - **Project: [Token Generation System for Bank](#)**
 - * Developed a Web App for bank by following MVC Architecture and all good Software Practices.
 - * Tech Stack Used : **ReactJS, JAVA, Spring boot, MySQL, Git**
- **Machine Learning Research Intern | Prof. Ram Meghe Research Institute** (Jun'22 - Dec'22)
 - **Project: [Air Quality Index Prediction & Analysis](#)**
 - * Developed Machine Learning Models using the concept of (Multivariate Linear Regression, Polynomial Regression, Random Forest, Support Vector Regressor) compared them and Build a own **Hybrid Model** (RF+Polynomial) also Build a **stacking Regressor** Model which gives the accuracy Score of 98%.
 - * used Data Visualization and Analysis tools. also Build A Model for Future AQI prediction using Time Series Analysis.
- **Android Developer Intern | Fair-Share Technologies** (Mar'21 - Jun'21)
 - **Project:** Business tracking android application for grocery shops
 - * User **Authentication** and Database Management using **Firebase**
 - * **Bill Generation** : Creating, Downloading & Sharing of Bill in PDF format, In app PDF Viewer

Key Projects

- **Krushelligent: A sustainable App for Farmers** (Sept'21 - Nov'21)
 - Developed android app with features Plant leaf Disease detection and cure suggestion, Weather forecasting,
 - Used CNN and Transfer learning on Resnet 152v2 model to Detect Plant disease from the Images of plant leaf.
 - Tech Stack Used : **React Native, Django, PostgreSQL, CNN, Transfer Learning.**
- **Sport Person Classifier** (Feb'22 - Feb'22)
 - Proposed method uses concept of **Computer Vision** using OpenCV for Image Classification.
 - Used Python **Selenium** Web Automation & web Scrapping for Downloading Images from Internet as Dataset.
 - Used **Haar Cascade** for Face Detection and **Wavelet Transform** from pywt Library to get frequency domain of an image & and build Model on it Using Support Vector Machine.
 - This method Detects the closeness co similarity between different sports persons
- **Dark Room, Chat application** (Apr'21 - Jun'21)
 - a Chat application with the use of FireBase **Authentication** and Firebase **Real Time Database**.
 - Personal and Group chat.
 - Daily different username for Group chat so that we can chat unanimously.
- **Betting Game** (Feb'20 - Feb'20)
 - Inspired from a event of **Tech-fest 2020 @IITBombay** and present in **Prajwalan 2k20 @GCOEA**.
 - Using **C++** developed a 4 round game with different rules, which Gives understanding of how public psychology works.

Scholastic Achievements and Extra-curricular Activities

- Student of **Abhayanand Super-30** for a batch of 2018-19.
- Studied one Year in Rajasthan (**NVS Migration Policy**).
- Attended **Amazon ML Summer School India 2022**.
- **Regional** in Football (2016).

Position of Responsibility

- Secretary of technical club ITSA of GCOEA.
- Member of Institute of Engineer India Student chapter.
- Organise an event in college technical fest Prajwalan 2k20.
- Training and Placement coordinator
- Free Tutor for students through JYOT Foundation.
- Campus Ambassador | Spring Fest 2K21 @ IIT Kharagpur.