

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

- React-Java Full Stack

• Cloud Technology

• Machine Learning

• DBMS

• DSA

Technical Skills

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

Experience

- **Consultant | Deloitte** (May'25 - Present)
  - **Project: EPMTTool - Energy Planning & Management Web Application**
    - \* Built a full-stack web app using React.js, .NET Web API, MS SQL, and AWS for automated demand forecasting, weather-based scheduling, and energy analytics.
    - \* Added real-time dashboards, interactive filters, exportable reports (Excel/Word), event-based triggers, and parameter-based analytics for quick and informed decision-making.
    - \* Used by BYPL, BRPL, reducing planning time by 80% and improving scheduling accuracy across Delhi's power grid.
- **Software Developer Engineer | Siemens Digital Industries Software** (Jun'23 - Apr'25)
  - **Project: Cloud Operations and Optimization for Teamcenter PLM software**
    - \* Focused on in-place blue-green deployment and Container Migration 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
- **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.