

# ANIRUDDHA KULKARNI

Pune, Maharashtra, INDIA

☎ +91-9172397787 ✉ [aniruddhak28715@gmail.com](mailto:aniruddhak28715@gmail.com) [in linkedin.com/in/aniruddha-kulkarni](https://www.linkedin.com/in/aniruddha-kulkarni) [github.com/aniruddha28715](https://github.com/aniruddha28715)

## Education

### Vellore Institute of Technology

*B.TECH. in Computer Science with Specialisation in Cyber Physical System*

August 2021 – June 2025

Chennai, Tamilnadu

### S.N.B.P College, Morewadi

*Higher Secondary Certificate (HSC) - Computer Science*

May 2019 – May 2021

Pune, Maharashtra

### Kamalnayan Bajaj High School

*Secondary School Certificate (SSC)*

June 2009 – June 2019

Pune, Maharashtra

## Technical Skills

**Programming Languages:** Python(Pandas, NumPy, Matplotlib, Seaborn), SQL, Java, JavaScript, HTML/CSS

**Data Tools Visualization:** Power BI, Excel (Pivot Tables, VLOOKUP)

**Database:** MySQL, PostgreSQL, MongoDB

**Technologies and Frameworks:** ReactJS, Node.js, Bootstrap, Socket.io

**Cloud DevOps:** AWS (Basic), Git, Postman, VS Code

**Area of Interest:** Data Analytics, Business Intelligence, ETL, Predictive Modeling, Web Development

## Experience

### Emerson | IT Department Intern, Pune

Sept. 2023 – Nov. 2023

- Explored ERP LN implementation at Emerson, covering supply chain to financial tracking.
- Automated daily reporting, reducing manual effort and improving real-time accessibility across departments.
- Collaborated with cross-functional teams to enhance ERP efficiency, ensuring seamless integration with business processes.

### HCL Tech. | Consultancy Project Intern, Online Mode

Aug. 2023 – Sept. 2024

- Led the development of a dynamic compiler software using Verilog, Python, and React.js, improving code-to-FSM conversion efficiency.
- Designed and implemented a real-time visualization feature for compiler outputs, enhancing debugging efficiency.
- Utilized Git for version control, ensuring smooth collaboration and tracking of development progress.

## Projects

### Telco Customer Churn Analysis | Python, Pandas, Seaborn

[Github](#)

- **About:** Performed EDA to identify key factors influencing customer churn.
- **Tech Stack:** Built using **Python (Pandas, NumPy, Seaborn, Matplotlib)**, for data processing visualization.
- **Features:** Data cleaning, visualizations, and comparative analysis of churn by contract type, payment method, and service usage.

### OLA Ride Data Analysis | SQL, Python, Power BI

[Github](#)

- **About:** Performed **EDA & SQL analysis** to identify trends in bookings, cancellations, and ride behavior.
- **Tech Stack:** Built using **Python (Pandas, NumPy, Matplotlib, Seaborn, SQL, Power BI)**
- **Features:** Generated **1 lakh record dataset**, analyzed ride trends & built **SQL queries & Power BI** for insights.

### Real-Time PDF Co-Viewer | React.js, Node.js, Socket.io, PDF.js, Versal, Render

[Github](#)

- **About:** Real-time PDF collaboration tool that synchronizes page navigation for remote presentations and classrooms.
- **Tech Stack:** Developed using **ReactJS, NodeJS, Socket.io, and PDF.js**, with a responsive and interactive user interface.
- **Features:** Role-based access for admins and viewers, **real-time page synchronization**, and seamless **multi-user experience**.

### Facial Expression Recognition, (FER 2013) Research Paper | Python, numpy, pandas, Kaggle

[Github](#)

- **Accuracy:** **88.29%**
- **Approach:** Used the **FER-2013 dataset** from Kaggle. Tested **SVM, Random Forest, and KNN**, ultimately choosing **CNNs** for their superior performance in feature capture and classification.
- **Tools and Techniques:** Data preprocessing, model training, data augmentation, and hyperparameter tuning.
- **Publication:** Research paper successfully published in **IGI Global** publications.

## Certificates

• GA4 Google Data Analytics • PHP & MySQL Certification, IIT Bombay • Java Certification, IIT Bombay