ANIRUDDHA KULKARNI

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Education

Vellore Institute of Technology	**August 2021 – June 2025**
B.TECH. in Computer Science with Spl. in Cyber Physical System;(GPA: 8.02/10)	*Chennai, Tamilnadu*

S.N.B.P College, Morewadi	**May 2019 – May 2021**
Computer Science; Indian Certificate of Higher Secondary Education; (Percentage: 88.83)	*Pune, Maharashtra*

Kamalnayan Bajaj High School,	**June 2009 – June 2019**
Indian Certificate of Secondary Education; (Percentage: 83.2)	*Pune, Maharashtra*

Technical Skills

Languages: Java, DSA, JavaScript, C/C++, SQL, HTML/CSS
Technologies and Frameworks: ReactJS, Node.js, Bootstrap
Database: SQL- MYSQL, NOSQL- MongoDB
Developer Tools:Git, Github, Postman, VS Code, Google AI Studio
Area of Interest: Data Structures and Algorithms, Web Development, ML Data Processing

Experience

Emerson	**Sept. 2023 – November 2023**
IT Department Intern	*Chakan, Maharashtra*

- Explored ERP LN implementation at Emerson, covering supply chain to financial tracking.
- Gained hands-on experience with ERP LN and departmental interactions.
- Created daily reports and engaged with various departments on system accessibility.

HCL Tech.	**August 2023 – Present**
Consultancy Project Intern	*(Online Mode)*

- Worked on company-assigned problem statement of building a compiler software with regular meetings and discussions.
- Built software using Verilog, Python, HTML, CSS, JavaScript, and React.js, including visualizing inputs.
- Worked on how can we convert any verilog code into Finite State Machine dynamically.
- Coordinated with team members using Git for version control, task management, and tracking changes.

Projects

Expense Tracker | *ReactJS, NodeJS, ExpressJS, MongoDB Atlas*   **Github**

- **About:** Full-stack application to track expenses and income, providing real-time updates.
- **Tech Stack:** Built using **ReactJS, NodeJS, ExpressJS, MongoDB Atlas**, with a responsive, interactive UI.
- **Features:** Users can add, edit, and delete transactions, view balance summaries, and filter data by date or category.

Personal Portfolio Website | *HTML, CSS, JavaScript*   **Github** | **Live**

- **About:** Showcases key experiences and achievements, providing a comprehensive view of my professional journey.
- **Tech Stack:** Developed using **HTML, CSS, JavaScript**, featuring interactive, visually appealing design elements.
- **Features:** Includes options for users to leave **reviews/feedback** and to **download my resume** for easy access.

Resume Categorizer Application | *Python, Machine Learning, Streamlit*   **Github** | **Live**

- **About:** A tool that categorizes resumes based on relevant job roles, streamlining the recruitment process.
- **Tech Stack:** Built using **Python, Machine Learning**, with a **Streamlit** interface for easy interaction.
- **Features:** Automatically classifies resumes, provides visual insights, supports **bulk uploads** for efficient processing.

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

- Java IIT Bombay Certification   • PHP and MySQL IIT Bombay Certification   • Web-Development Bootcamp