**ANUJ UDAPURE**

**Electronics Engineering Student | Data Science & Cloud Technologies**

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**PROFESSIONAL SUMMARY**

Final-year Electronics Engineering student with strong expertise in Python programming, machine learning, and cloud technologies. Proven experience in developing AI-driven solutions, data analysis, and full-stack applications. Seeking opportunities to contribute to innovative storage technologies and cloud-native systems with focus on scalability and performance optimization.

**TECHNICAL SKILLS**

**Programming Languages:** Python, C++, JavaScript, SQL, Java, C  
**Data Science & ML:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, PyTorch, TensorFlow  
**Web Development:** Node.js, Express.js, React.js, REST APIs, FastAPI  
**Cloud & DevOps:** AWS, Google Cloud Platform, IBM Cloud, Docker, Git  
**Databases:** MongoDB, MySQL, PostgreSQL, FAISS Vector Database  
**Storage Technologies:** File Systems, Object Storage, Cloud Storage, Database Modeling  
**Tools:** Jupyter Notebook, Visual Studio Code, Power BI, Excel, MATLAB, Figma

**PROJECTS**

**Zero Trust Security Implementation - Icon Turnkey Ventures (Sponsored)**

* Designed zero-trust framework with biometric authentication and MFA for manufacturing organization
* Implemented AWS services (Lambda, RDS, CloudWatch, GuardDuty) for secure cloud infrastructure

**Krishi-Sahayak - AI-Driven Agricultural Advisor**

* Built multi-agent AI platform using FastAPI, LangChain, and Scikit-learn for crop recommendations
* Developed responsive React.js frontend with 4 custom AI agents

**Grammar Scoring Engine for Voice Samples**

* Created ML pipeline using PyTorch and Librosa for automated grammar evaluation in spoken English
* Achieved high accuracy using MFCC feature extraction and NLP techniques

**TechDocRAG - Retrieval-Augmented QA System**

* Built enterprise RAG system with PDF parsing, vector embeddings, and LLM integration
* Utilized FAISS vector database and sentence-transformers for secure document querying

**EDUCATION**

**Bachelor of Technology - Electronics and Telecommunication Engineering**  
Vishwakarma Institute of Technology, Pune | Expected May 2026  
CGPA: 7.63/10

**CERTIFICATIONS**

• **Deep Learning Specialization** - Coursera (April 2025)  
• **Databases and SQL for Data Science** - IBM/Coursera (January 2025)  
• **NVIDIA Fundamentals of Deep Learning** - NVIDIA (September 2024)  
• **Excel Skills & Data Visualization** - JPMorgan Chase & Co./Forage (July 2024)