PRANAV MOHIT IRIVENTY
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EDUCATION

Degree	Specialization	Institute	Year	CGPA (or) Marks
B.Tech	*Electronics & Communication Engineering*	VIT, Amaravati	2021–2025	8.32
HSC	*Maths, Physics & Chemistry*	Rao's Junior College	2021	89.7%
SSC	*State Board*	Kesava Reddy High School	2019	9.5

TECHNICAL SKILLS

- **Languages:** Python, Java
- **Databases:** SQL (experienced with MySQL)
- **Tools:** PyCharm, VS Code, GitHub
- **Frameworks:** ReactJs, Django

INTERNSHIPS

- **Intern - Full Stack Developer [VCodez – Innovating Ideas]**
  - **W**orked on end-to-end development using Python, Django, React, SQL, and MySQL, contributing to real project modules.
  - **B**uilt backend APIs, database schemas, and frontend components while fixing bugs and improving features.
  - **C**ollaborated with senior developers to understand project requirements, improve code quality, and follow proper development workflows.

PROJECTS

- **Student Performance - Data Analysis**
  - Analyzed a real dataset using Pandas, NumPy, Matplotlib, Seaborn to uncover key factors influencing student exam scores.
  - Built and evaluated machine learning models (Linear Regression, Random Forest) for performance prediction.
  - Built a Streamlit dashboard and shared the code on GitHub: **https://github.com/PranavIriventy/Studentproject**
- **SQL-Based Online Library Management System**
  - Created a library database in MySQL with tables for books, members, and transactions.
  - Used stored procedures, triggers, and views to handle borrowing, returns, and fine calculation automatically.
  - Published the project with full code on GitHub : **https://github.com/PranavIriventy/SQL-Library-Management-System**
- **Steel Waste Management System using Machine Learning**
  - Developed a machine learning model using Linear Discriminant Analysis (LDA) to predict waste quantity and type in steel manufacturing before production begins.
  - Built and processed a dataset combining historical production data and real-time manufacturing inputs to automate pre-waste estimation.
  - Enabled industries to take proactive waste management decisions, improving sustainability and reducing dependency on slow annual waste-auditing methods.

ACHIEVEMENTS

- Won 1st place at an IoT Expo for developing an RFID attendance system.
- Secured 76 out of 100 in NPTEL Cloud Computing Foundations exam.