

ARAVIND K

Python Developer | Full Stack Enthusiast | Data Engineer

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Career Objective

I aim to build strong expertise in **Full Stack Web Development and Data Engineering** using modern frameworks and databases. During my **6-month Python Full Stack Development internship**, I developed an **E-commerce website** using **Python, Django, and SQL** with features like CRUD operations and user authentication. I focus on enhancing my skills in **API integration, automation, and data handling** to create scalable, data-driven web applications.

Education & Certification

- **Bachelor of Engineering (EEE)** | Vel Tech Multi Tech Engineering College, Autonomous
2024
- **Diploma in Electrical & Electronic Engineering** | V. Ramakrishna Polytechnic College, DOTE
2021
- **SSLC** | Vivekananda Vidyalaya Matric Hr. Sec. School, Chennai
2018

Technical Skills

- **Languages:** Python, HTML, CSS, JavaScript
- **Frameworks & Libraries:** Django, Flask, React Native (Basics)
- **Databases:** MySQL, SQLite
- **Tools & Platforms:** Git, Jenkins, Visual Studio Code, Render, Vercel
- **Core Skills:** AutoCAD(Basic), Database Design & Optimization, Web Development.

Projects (Industry Experience)

1. E-Commerce Website (Python + Django + SQL)

- Developed a full-stack E-commerce platform using **Django and SQL** for seamless product, order, and user management.
- Implemented secure user authentication, product listing, shopping cart, and payment workflow features.
- Designed efficient **CRUD operations** and optimized database queries for improved backend performance.
- Integrated responsive front-end interfaces using **HTML, CSS, and JavaScript** for better user experience.
- Deployed the application on a **hosting platform**, ensuring scalability and reliable database connectivity.

2. Weather App (Python + Flask + OpenWeather API)

[<https://github.com/Aravindkumaravel26>]

Built a web-based **Weather Application** using Python and Flask to display real-time weather updates for any city.

- **Integrated OpenWeatherMap API** to fetch and display live temperature, humidity, and weather conditions.
- Designed a responsive user interface using **HTML, CSS, and JavaScript** for an interactive experience.
- Implemented error handling for invalid city inputs and optimized API calls for faster response.
- Deployed the app with environment-based configuration for scalability and **secure API** key management.

Experience

Python Full Stack Developer Intern — *Uniq Technologies, Chennai*

[Feb 2025 - Jul 2025]

Completed a full-time internship focused on Python Full Stack Development using **Django and SQL**.

- Developed an **E-commerce Website** project with features like user authentication, CRUD operations, and product management.
- Gained hands-on experience in frontend (**HTML, CSS, JavaScript**) and backend (**Python, Django, SQL**) integration.
- Learned deployment, API integration, and database connectivity for building scalable web applications.
- Improved **problem-solving, teamwork, and software development** lifecycle understanding through project-based learning.

Assistant Property — *Ashok Leyland, Ennore*

[May 2024 – Jan 2025]

- Assisted in **wire routing, part fitting, and assembly operations** in the truck manufacturing unit at **Ashok Leyland**.