# Abhijith Satheesan

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## Python full-stack developer

Self-taught Python developer with expertise in Python Django, React.js, and machine learning. Skilled in building scalable web applications, integrating machine learning models in websites, and adapting quickly to new technologies. Passionate about keeping up with industry trends and delivering efficient solutions.

## Experience

**Freelance Developer**, Educational Consultancy Company                     May 2024 – Nov 2024

Fully functional website using Django and React for managing student admissions.

## Projects

**Professor Academy Consultancy Website**

- Designed and developed a fully functional website using React.js for the frontend and Django for the backend.
- Implemented secure authentication mechanisms using JWT and Django REST Framework.
- Created a dedicated admin panel to manage users, colleges, and fee structures efficiently.
- Enabled features like user registration, college search, liking colleges, and monitoring user activity.
- Integrated Redux for state management and ensured responsive design with Tailwind CSS.
- Technologies Used: Django, Django REST Framework, React.js, Redux, JWT, Tailwind CSS.
- **GitHub Links:** Backend | Frontend

**E-commerce Website**

- Designed and developed a comprehensive e-commerce platform with features like product categories, add to cart, and order booking.
- Built an admin panel for managing delivery status, product details, and user controls.
- Ensured a seamless user experience with responsive design and efficient backend integrations.
- Technologies Used: Django, React.js, Redux, Bootstrap, HTML, CSS.
- **GitHub Link:** E-commerce Website

## Mini Projects

**Car Price Prediction**

- A project using Machine Learning and Python Django which predicts the price of a given model of car considering factors like mileage, production year, colour and gear type.
- Skills Used: NumPy, Pandas, Jupyter Notebook, Scikit-learn, Google Colab.
- **GitHub Link:** Price prediction project

## Technologies

**Languages:** Python, JavaScript, C

**Frameworks:** Django, React.js, Django REST Framework

**Tools:** Redux, Tailwind CSS, Bootstrap, HTML, CSS, Linux, JWT (JSON Web Tokens)

## Educational Background

**Electrical and Electronics Engineering**

Ilahia College of Engineering and Technology, Muvattupuzha (2022)