

Albert Thomas

Python Full Stack Developer

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SUMMARY

Dedicated Python Django and React full stack developer with knowledge of Python, JavaScript, Django, PostgreSQL, Microservices, Docker, MongoDB and React. Rapid learner who is motivated to create creative online solutions and seamless user experiences. Eager to contribute to quality-focused digital transformation initiatives programming and original problem-solving techniques.

SKILLS

Programming Languages:	Python, JavaScript, C
Back-End Development:	Django, Django REST Framework, Django Channels, Docker, Django Orm, Docker Compose, Celery, Nginx, Kubernetes
Front-End Development:	React, HTML, CSS, Bootstrap, AJAX, Chakra UI, Redux, Figma
Database:	PostgreSQL, MongoDB, Redis
Integrations:	Razorpay, Google OAuth 2.0, reCAPTCHA, Cloudinary, Gemini, Twilio
Familiar with:	Git, GitHub, AWS, Render, AMQP, RabbitMQ, Gunicorn, Daphne, Certbot, Postman, WebSocket, ER Diagram, Redis, Simple JWT, DSA

MAIN PROJECTS

YourMechanic - Booking Platform

[Live Link](#) | [GitHub](#)

This is a cutting-edge microservices-powered Booking platform, combining Django's robust backend with React's sleek frontend. Seamlessly reserve, pay and manage bookings. Share reviews effortlessly.

- The whole app is split into four services: authentication, administration, booking and payment, and interactive chats, ensuring seamless operation and enhanced user experience.
- Utilized **PostgresSQL** database for efficient and relational data storage
- Containerized the application using **Docker**, ensuring consistent deployment.
- Implemented **Redux** for effective state management, ensuring seamless integration of **JWT** authentication and streamlined payment processes using **Razorpay**
- Integrated real-time chat and notifications using **Django Channels**, **WebSocket** and **Redis** for seamless communication.
- Utilized **Axios**, a powerful HTTP client, for efficient data fetching
- Designed a sleek and responsive UI using **Material Tailwind**, and **TailwindCSS**
- Deployed using **AWS EC2**, **Nginx**, **Docker**, **Docker Compose**, **Gunicorn**, **Daphne** and **Certbot** for reliable, scalable and secure performance.

Technologies Used: Django, React, Redux, Context, Redis, Orm, WebSocket, Postgres, Docker, Cloudinary, DRF, Razorpay, Tailwind, Nginx, Docker Compose, EC2, Gunicorn, Daphne, Figma

ShoeRack E-commerce

[Live Link](#) | [GitHub](#)

Crafted and launched a fully operational E-commerce haven, dedicated to delivering a frictionless online shopping experience for shoe enthusiasts, powered by the prowess of Django.

- Implemented a user-friendly interface using **HTML**, **CSS**, **Bootstrap** and **JavaScript**.
- Prioritized user convenience by implementing an intuitive shopping cart using **AJAX** seamless checkout process and diverse payment methods including **Razorpay**.
- Engineered a robust admin panel made up with a comprehensive order management system, ensuring efficient control over products, orders and user accounts.
- Utilized **Django Templates** for dynamic server-side rendering of HTML, providing a seamless and customizable user interface
- Deployed in **Render** with cloud PostgreSQL.

Technologies Used: HTML, CSS, Bootstrap, Javascript, Ajax, Django, SMTP, Razorpay, Unicorn, SMTP, Render

MINI PROJECTS

Wether App

[GitHub](#)

Created a fully functional weather app in React, integrating the OpenWeather API for real-time weather data retrieval, enhancing user engagement with an attractive and intuitive interface design..

- Implemented location-based weather forecasts for personalized user experience, providing accurate weather updates for any desired location.

Olx Clone

[GitHub](#)

Developed a clone of the OLX platform focusing on frontend development with React. Including authentication and posting.

- Used Firebase **Firestore** for backend and data storage.
- Added product listing helps users to easily add products with images for listing products.

Netflix Clone

[GitHub](#)

Developed a Netflix clone using React for the frontend, fetching movie and TV show data seamlessly through TMDB API integration, ensuring an up-to-date and dynamic content

- Implemented responsive design for optimal user experience across

EDUCATION

Python Full Stack Development

2023 - present

Brototype, Ernakulam

B.Tech in Civil Engineering

2018 - 2022

VISAT Engineering Collage Elanji, Ernakulam

CGPA: 6.7