

NASHIR NOOR EK

Python Django + React Developer

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Profile

Self-taught full-stack developer with proficiency in Python, Django and React. Enthusiastic about learning new technologies and applying them to practical challenges. Skilled in both backend (Django) and frontend (React) development, fueled by an unyielding drive for continuous growth and innovation.

Project

Ecommerce Website using Django ([Techzone](#))

- Developed a robust authentication system using Django, integrating Razorpay for secure payment processing.
- Implemented SMTP for OTP verification, enhancing security by securely delivering one-time passwords to users' email addresses, adding an extra layer of authentication.
- Utilized PostgreSQL for efficient data management, optimizing storage, retrieval, and manipulation processes for scalability and performance.
- Implemented CRUD operations for basic functionality
- Crafted an engaging and intuitive frontend interface utilizing a combination of Bootstrap, HTML, and CSS, focusing on user experience and accessibility to drive engagement and satisfaction.
- Integrated dynamic Admin panels for streamlined data handling, empowering administrators with comprehensive management capabilities.
- Django signals for seamless communication and automation
- Seamlessly integrated a dynamic Admin panel into the system, empowering administrators with comprehensive data management capabilities, facilitating efficient monitoring, analysis, and decision-making processes.

Mini Projects

User Management Using React-Django-Rest ([GitHub](#))

- Spearheaded development of User Management System integrating React (frontend), Django, Django REST Framework (backend), PostgreSQL, and JWT for secure authentication.
- Utilized PostgreSQL for efficient data management, optimizing storage, retrieval, and manipulation processes for scalability and performance.
- Responsive UI with HTML, CSS, and Bootstrap for easy registration, login, and profile management.
- Ensured structured and scalable data storage using PostgreSQL.
- Successfully implemented CRUD operations for user profiles.
- Implemented JWT token-based authentication for enhanced security, ensuring efficient and scalable user authentication and authorization without relying on sessions or cookies.

Netflix Clone ([GitHub](#))

- Crafted a Netflix clone leveraging React and Bootstrap for responsive design.
- Contents fetched via TMDB API calls.
- Ensured structured and scalable data storage using PostgreSQL.
- Utilized Axios to seamlessly retrieve and display data, providing users with an immersive streaming experience akin to the original platform.

OLX Clone ([GitHub](#))

- Built the front end interface using ReactJS to replicate the OLX platform's user interface and functionality.
- Integrated Firebase to manage user authentication, store user data and handle product listings for sale.
- Utilized the Context API for efficient state management across various components, ensuring smooth interaction and data flow.

Skills

- **Languages :** Python, JavaScript, HTML5, SQL, C
- **Full Stack Web Development:** Django, React JS, Django REST, ORM, Tailwind CSS
- **Advance Django:** Django Channels, Django Celery
- **Database:** PostgreSQL, MongoDB
- **Version control and other tools:** Git, npm, GitHub, Postman API, Firebase
- **Deployment:** AWS, Nginix, EC2, Gunicorn
- **Integrations:** Channels, Razorpay, SMTP, JWT Token
- **Design:** Figma, Canva
- **Hard Skills:** Data Structures and Algorithms, Object Oriented Programming

Education

Python Full Stack Development *Brototype*
B.Sc Computer Science *Kannur University*

Banglore, Karnataka *2023-Present*
kannur, Kerala *2020-2023*

Languages

- English
- Malayalam