

PRATIK RANA

Backend Developer

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PROJECTS

EasyCommerce API | June 2023

developed an e-commerce API using Laravel.

- Developed a RESTful e-commerce API using Laravel framework for product management, review management, and user authentication.
- Implemented essential features including product CRUD operations, review management, and secure user authentication using Laravel Jetstream and Livewire.
- Conducted extensive testing using Postman to ensure the reliability and functionality of the API in different scenarios.
- Created comprehensive API documentation, outlining endpoints, parameters, and response formats for seamless integration and future maintenance.

HR Connect | June 2023

Developed an employee management system using Django

- Utilized Django ORM to interact with the PostgreSQL database and perform CRUD operations, ensuring efficient data management and integrity.
- Implemented API endpoints using Django REST Framework for querying and manipulating data, providing a RESTful interface for the project.
- Designed and implemented database models, including defining relationships and constraints. Employed pgAdmin4 for database administration, managing schemas, tables, and executing queries.
- Documented the project's APIs using Swagger API documentation.

UserAuthAPI | June 2023

Developed a secure Django-based API for user authentication and authorization

- Implemented essential features such as registration, login, password reset, and email verification.
- Utilized Django Rest Framework for seamless API development and integrated with popular email services for sending password reset and verification emails.
- Implemented token-based authentication for secure API access and authorization.
- Ensured proper validation and error handling to develop a robust and user-friendly authentication system.

ACADEMIC BACKGROUND

IBM Full Stack Software Developer Pro. Certification

Coursera | IBM

June 2023 – Present

Bachelor of Technology | CS and AI

Plaksha University | Mohali, India

August 2022 – Present

Coursework | Data Structure and Algorithms, AI and ML, Data Science, Linear Algebra, Differential Equations, Applied Statistics

Class XII | PCM

MDK Arya Sr. Sec. Public School | Pathankot, India

April 2019 – April 2021

PROFILES

- Github: pratikranaa
- Hackerrank: pratikranaa
- Topcoder: pratikranaa

SKILLS

Prog. Languages | Python, JavaScript, PHP, C, C++

Frameworks/Libraries | Django, Laravel, Django ORM, Django REST Framework

Databases | PostgreSQL, SQLite, MySQL

Tools/Technologies | pgAdmin4, Git, API Development, phpMyAdmin, Swagger

Miscellaneous | HTML, CSS, Linux, Shell Scripting, MATLAB, Testing, LaTeX

HONORS & AWARDS

- Bharti Scholar** | Awarded with the Bharti Scholarship by the Bharti Foundation and Plaksha University for my Undergrads.
- Reliance Foundation Scholar** | Selected among 5,000 students, out of 40,000 applicants nationwide, based on excellence and integrity in academic and non-academic endeavours.

VOLUNTEERING

Volunteer Video Translator | 2021 – 2022 Coursera, Khan Academy

- Translated English video lectures and their transcripts into Hindi and other languages.
- Contributed to making educational resources more accessible to non-English speaking learners.

Covid-19 Volunteer | 2020 – 2021 UNICEF India, CBSE, Yuwaah

- Raised awareness about Covid-19 among villagers
- Worked with District Administration to implement safety protocols and guidelines
- Created first stop checkpoints at Community Health Centers (CHCs) to screen individuals for symptoms and provide guidance on prevention and treatment

INTERESTS

Travelling | Cycling | Self Improvement | Board Games