MOHIT PANDEY

Python/Django Developer

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Technical Skills: -

- **Web Development**: Django, Django REST Framework, HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS, React
- **Programming Languages**: Python, JavaScript
- **Databases**: PostgreSQL, SQLite, SQL
- **Version Control & Collaboration**: Git, GitHub, Docker, CI/CD
- **API Development**: RESTful APIs, JSON, Token Authentication (JWT)
- **Other Skills**: SDLC, Agile Methodologies, Payment Gateway Integration (Razorpay, Paytm), Unit Testing

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Projects: -

iCourses Website – Full-Stack Course Selling App
Tech Stack: Django, PostgreSQL, Razorpay, HTML, CSS, Bootstrap, JavaScript
GitHub: https://github.com/mohitpandeycode/iCourse | Demo: [View Demo]

- Developed and deployed a dynamic course-selling platform using Django and PostgreSQL for a scalable backend, **leveraging** Django ORM for **efficient database operations**.
- **Integrated Razorpay** for secure and seamless payment processing, **handling transaction flows with webhooks** to ensure **accurate payment status updates**.
- Implemented a user authentication system with JWT tokens and email verification for a **secure signup/login process**.
- Designed an admin dashboard using Django Admin to provide analytics for course sales over various time periods (daily, weekly, monthly) and enabled CRUD operations for managing courses.
- Built a referral system offering users discounts, boosting engagement by 20%.

My Shopping Cart – E-commerce Website
Tech Stack: Django, SQLite, Paytm Integration, HTML, CSS, Bootstrap, JavaScript
GitHub: https://github.com/mohitpandeycode/My-Shopping-Cart-ECommerce-Website

- Developed a fully functional e-commerce platform with Django REST Framework (DRF) to create and manage RESTful APIs, ensuring **smooth product and user interaction**.

- **Integrated Paytm payment gateway** for secure transactions, including **order status updates and webhook configurations for transaction monitoring**.
- Implemented a user-friendly order tracking feature, enabling users to track their purchases through CRUD operations.
- **Utilized Django signals** for automating order status updates, ensuring **timely notifications** for both customers and administrators.
- Enhanced performance by **optimizing database queries** and utilizing PostgreSQL for **efficient data retrieval in low-traffic environments**.

Mini Blog Website – Blogging Platform
Tech Stack: Django, Python, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, SQLite
GitHub: https://github.com/mohitpandeycode/iCoderX-Blog-App-Django

- Developed a multi-user blog platform using Django, enabling registered users to create, edit, and delete their blog posts.
- **Integrated a comment system with user authentication**, allowing users to engage with posts securely and efficiently.
- Implemented **role-based access control (RBAC)** to restrict access to admin-only features such as post moderation and blog management.
- Built a trending page that automatically displays the top blog posts based on views, **utilizing Django QuerySet optimization for real-time updates**.
- Applied Django's caching framework to optimize site performance, **reducing page load times for high-traffic content**.

Strengths: -

- Proficient in developing, deploying, and optimizing RESTful APIs using Django REST Framework (DRF).
- Skilled in building and managing relational databases such as PostgreSQL and SQLite.
- Expertise in integrating payment gateways like Razorpay and Paytm, ensuring **secure transactions and effective error handling**.
- Familiar with CI/CD pipelines and using Docker for **containerized applications to maintain consistency across environments**.

Education: -

- **Diploma in Computer Science & Engineering**
  Government Polytechnic Kotdwar | Completed: June 2023 | 86%

- **12th Grade – PCM**
  Government Inter College Tuper | Completed: April 2019 | 73%