

# SHAHNA K

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## OBJECTIVE

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Passionate Python Developer with expertise in Django and Django REST Framework. Proficient in developing scalable, user-friendly web applications with robust back-end systems and intuitive front-end designs. Proficient in REST API development, collaborating with cross-functional teams. Strong problem solving and debugging skills, with hands-on experience in full stack development and database management.

## PROFESSIONAL EXPERIENCE

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### Octapinnacle Solutions LLP

Feb 2025 – Present

#### *Django Full-Stack Developer*

- Developed and maintained scalable ERP modules using Python, Django, and Django REST Framework tailored to business operations.
- Actively contributed to architectural decisions, proposing improvements that enhanced modularity and reduced future development overhead.
- Designed and integrated RESTful APIs to ensure smooth data flow across ERP components like inventory, sales, purchase, and finance.
- Contributed to project planning and technical documentation to ensure maintainability and team alignment.

### Emergio Games Pvt Ltd

July 2024 – Jan 2025

#### *Associate Python Developer*

- Developed scalable Python-based applications using Django and Django REST Framework.
- Designed and implemented RESTful APIs for seamless data communication.
- Built responsive user interfaces using HTML5, CSS3, and Bootstrap, ensuring consistent functionality across desktop and mobile devices.
- Collaborated with cross-functional teams to deliver efficient and user-friendly solutions.

### Keltron

May 2023 – May 2023

#### *Internship*

- Completed an internship on Python, gaining hands-on experience with Python Libraries and an Introduction to Machine Learning.

## SKILLS

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### Programming Languages

Python, JavaScript, SQL

### Frameworks & Libraries

Django, Django REST Framework, Bootstrap, jQuery

### Front-End Development

HTML5, CSS3, Responsive Design

### Database Management

SQLite, MySQL, PostgreSQL

### Version Control

Git, GitHub

### Backend & ORM

Django ORM, Query Optimization, RESTful API Development

### Testing & Debugging

Postman, Thunder Client, Django Debug Toolbar, Browser DevTools

### Other Skills

Object-Oriented Programming (OOP), Performance Optimization, Documentation

## PROJECTS

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### Enterprise Resource Planning (ERP)

- Designed and implemented an ERP solution with Django, Implemented dynamic front-end interactions using JavaScript, jQuery, and AJAX for real-time data updates and improved user experience.
- Utilized PostgreSQL to manage complex business data related to user, inventory, sales, stock, purchase, and finance modules.
- Integrated role-based access control and authentication to ensure secure and structured data access for different user roles.

### Learning Management System (LMS)

- Developed a Django-based LMS with features for user authentication, course management, and progress tracking.
- Designed REST APIs for managing data and integrating front-end features, Optimized database queries using MySQL for improved performance.

### E-Commerce Website

- Developed an e-commerce website using Django with features such as user authentication, product listings, category and subcategory management, wishlist functionality, and shopping cart operations.
- Implemented SQLite for database management, optimizing data storage and retrieval processes.

### Event Management Website

- Developed a comprehensive event management web application using Django, with interfaces for event browsing, booking, user authentication, and booking cancellations.
- Implemented an admin interface for efficient management of events, bookings, and enquiries, enhancing administrative control.

## EDUCATION

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### Government Engineering College, Palakkad

2020 – 2024

Bachelor of Technology in Electronics and Communication Engineering

CGPA : 8.23

### MSP HSS, Malappuram

2018 – 2020

Higher Secondary Education

Percentage : 95.25%

### MMET HSS, Melmuri

2017 – 2018

10th Grade

Percentage : 98%