



# Akshay Kumar

## PYTHON DJANGO DEVELOPER

I'm a self-taught Python and Django developer passionate about web development. With expertise in Python, Django, React, and database management, I'm also actively exploring deep learning. I thrive on creative problem-solving and a commitment to continuous learning

### CONTACT ME

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### EDUCATION

#### Diploma in Tool and Die Engineering

State Board of Technical Education

2015-19

### PROFICIENCY

- PYTHON
- DJANGO
- PostgreSQL
- React.js
- ORM
- HTML,CSS
- Figma
- Git Hub
- Django Channels
- WebSocket

### TECHNICAL SKILLS

- **Web Application Development:** Proficient in building dynamic web applications using Django and Django Rest Framework.
- **Database Management:** Strong knowledge of SQL and PostgreSQL, with expertise in querying and database design. Experienced with Django's Object-Relational Mapping (ORM).
- **Front-End Development:** Skilled in developing responsive and user-friendly front-end interfaces using React and Tailwind CSS.
- **NoSQL Database:** Proficient in MongoDB, including data modeling and advanced query operations.
- **Deep Learning Fundamentals:** Familiar with core concepts in deep learning, including neural networks and their practical applications.

### PROJECTS

#### Gadget gallery

Developed captivating e-commerce platform, skillfully combining Django for the backend, HTML, CSS, and JavaScript for the frontend, with a robust SQL database powered by PostgreSQL. I implemented robust user authentication, authorization, and email verification, ensuring secure transactions, and seamlessly integrated a PayPal payment gateway. All this was meticulously crafted following the Model-View-Template (MVT) architectural pattern, resulting in an efficient and visually stunning online shopping experience.

- **Back-End:** Django
- **Front-End:** HTML, CSS, JavaScript
- **Database:** PostgreSQL
- **Additional Tools/Libraries:** Integrated features such as secure email verification, PayPal payment gateway using Django's built-in libraries and custom development.

#### DocLive

Designed and developed a full-stack doctor booking application, featuring a multi-tenant system with separate logins for administrators, users, and doctors. Utilized Django Rest Framework for the back-end and React for the front-end, ensuring seamless integration. Key functionalities include JWT token-based authentication and authorization, Razorpay payment integration, email verification through OTP, and real-time chat functionality using Django Channels with Websockets and Redis, enhancing security, user experience, and communication within the platform.

- **Back-End:** Django
- **Front-End:** React.js
- **Database:** PostgreSQL
- **Additional Tools/Libraries:** django channels,redis,razorpay