

# Abhishek Kumar

Electronic city, Bengaluru

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## Technical Skills

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**Backend:** Python, Django, Django REST framework

**Databases:** MySQL, PostgreSQL

**Frontend:** HTML, CSS, JavaScript, Bootstrap

**Familiar:** Linux, Docker, AWS, Machine Learning,

## Projects

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### Recipe Management System [↗](#) | Django, Bootstrap, SQLite

- Developed a full-stack web application enabling user registration, authentication, and session management.
- Implemented CRUD functionality for recipes, allowing users to create, view, update, and delete recipes.
- Integrated a search feature for quick access to recipes based on keywords.
- Ensured secure user sessions with login and logout capabilities.
- Created Dockerfile and docker-compose file to streamline the deployment process.

### Patient Appointment System [↗](#) | FastAPI, React, SQLite, Stripe

- Enabled users to create patient profiles with essential details such as name, mobile number, and email.
- Implemented a user-friendly dashboard displaying a list of all patients.
- Integrated search functionality allowing users to search patients by name on the dashboard.
- Developed a detailed view for each patient, displaying personal information and linked appointments.
- Allowed users to schedule appointments for patients and view these appointments in the patient detail view.
- Integrated Stripe to generate payment links for each appointment, facilitating secure and easy payments..

## Experience

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### Infosys Limited

Oct 2022

Systems Engineer

Bengaluru, Karnataka

- Implemented JWT authentication in Django REST Framework to secure APIs and enhance application security in a client project.
- Architected and implemented robust database models for place-related data and designed RESTful APIs for seamless CRUD operations, ensuring optimized performance and secure data handling
- Automated development environments and improved the deployment process using Docker, Docker-compose, Kubernetes, and Jenkins.

### EICT Academy

May 2020 – July 2020

Machine Learning Intern [↗](#)

IIT Kanpur

- Gained hands-on experience with Python libraries including NumPy, Pandas, Matplotlib, and Scikit-learn.
- Explored and implemented various machine learning algorithms, including Supervised, Unsupervised, and Reinforcement learning.
- Developed skills in dataset cleaning and data analysis using techniques such as graph plotting, correlation matrices, and box plots.

## Education

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### MIT MUZAFFARPUR

July 2022

Bachelor of Information Technology (CGPA: 8.18)

Muzaffarpur, Bihar

## Certifications

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- Infosys Certified Python Programmer [↗](#)
- Infosys Certified Django Developer [↗](#)
- Cisco Certified for Python Programming [↗](#)
- Coursera Certified for Python Programming [↗](#)
- NPTEL Certified for Python Programming [↗](#)
- HackerRank Certified for Python Programming [↗](#)