

Justin George

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Skills

Programming: Python, Django, Celery, Tensorflow, JSON HTML, CSS, Keras, Java

Backend: Restful API Development, SQL Database Management, MySQL, Postgresql, Unicorn

Devops: Git version Control, Unix/Linux Command Line, Docker and Containerization, Nginx

Languages: English, Hindi, Punjabi, Malayalam

Projects

Blog Website - The phantasmagoria

phantasmagoria.jadepy.tech

- A website where people can read, create, and delete blogs and comment on other's posts
- Built logic with overridden attributes of class based views, for form handling and data manipulation
- Utilized Django ORM to build database model with different field relations among multiple tables
- Incorporated Authentication system with custom user base and Password Recovery
- Django Codebase deployed on Vercel, Database deployed on Clever Cloud

Expense Tracking and Management Bot

t.me/BrockemonBot

- A telegram bot to manage Expenses and help the user to track and retrieve expenses
- Built on Django Rest framework to create Api endpoints to interact with the python Telegram application
- Used serialization/deserialization classes to handle and manipulate incoming JSON data as python objects and parse them in JSON.
- Deployed both the telegram application and DRF Backend in a single dockerized container on Render and used nginx as a reverse proxy to direct consumer traffic to telegram and admin traffic to Django administration backend.

Achievements

- Published a research paper on an app facilitating accessible literature by allowing users to upload and listen to their books via text-to-speech technology
https://drive.google.com/file/d/1yuyMUXddB1HwLM3BzvyH1x3i68VVhsZ-/view?usp=drive_link

Certification

Django Application Development with SQL and Databases

<https://coursera.org/share/aabf9dca93111a2c417cd1a6d8747c9a>

Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning

<https://www.coursera.org/account/accomplishments/certificate/XQ47P59F63ZK>

Education

Chandigarh University, Mohali, Punjab

Expected May 2025

Bachelor's of Engineering in Computer Science