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Python Developer

I am a Back-End developer who looks forward to creating solutions and implementing ideas through web development. I have a primary focus on working with Python and the Django framework, but look forward to working with and learning new technologies.

Projects

Space Launch Information Hub
August 2022 - current

- Deployed with Linode VPS and viewable at (www.█████████)
- Developed a Web application to provide the public with data on rocket launches, astronauts, space-agency data, and more.
- Integrated current data from external API on rocket launches, astronaut information, space agency details, and ISS location
- Automated daily data updates through API integration to ensure information is current and accurate.
- Designed user-friendly interface for viewing and searching through all fields of data provided.
- Implemented geographic mapping library, leaflet.js to allow for tracking of the International Space Station via longitude and latitude.

Real–Time communication Application
February 2022 - current

- Deployed with Linode VPS and viewable at (https:/████████).
- Developed a real-time communication web application using Python and Django.
- Utilized Django Channels for implementing real-time text communication via Web-Sockets.
- Integrated Agora.io for real-time video and audio communication capabilities.
- Implemented user authentication and authorization using Django's built-in modules
- Designed and implemented database models for storing user friends and chat data.
- Utilized django-notifications-hq to provide updates and notifications for new messages and chat updates.

Skills

- Python
- Django
- Git/Github
- HTML5/CSS
- Bootstrap