SHREEHARI VAASISTHA L

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TECHNICAL SKILLS

Programming Languages: Python[Intermediate], SQL, JavaScript[Beginner], HTML/CSS[Beginner]
DBMS: MySQL, PostgreSQL
Frameworks/Libraries: Django, Django Rest Framework, ReactJs[Beginner]
Development Environment: Linux(Debian based - Mx Linux, Linux Mint, Ubuntu)
Version Control System: Git
Cloud services: AWS, Digital Ocean
Web Servers: Nginx, Gunicorn
Communication languages: English, Hindi, Kannada

EXPERIENCE

Software Development Engineer   September 2021 – Present
Dphi
- From concept to production, I took ownership of modules I worked on.
- It was possible to solve a complex problem statement efficiently by using raw SQL rather than ORM, resulting in 15 fewer queries.
- Created a library to improve logging, and was later used by other Django applications.
- Improved deployment scripts, which resulted in a more efficient and faster deployment process.
- Utilized WebSockets to synchronize code editors between two devices.
- I worked on some frontend features using ReactJs.

Software Development Engineer - Intern,   January 2021 – August 2021
Dphi
- Developed production-ready RESTful APIs using Django, Django Rest Framework and MySQL as the database.
- Followed HATEOAS practices while building APIs.
- Communicated with front-end developers which helped in designing better APIs.
- Used raw SQL queries instead of ORM(Object-Relational Mapper) where required.
- Communicated with business development team to better understand business requirements and designed database schema, APIs accordingly.

PROJECTS

DjangoPackages | *Python, Django, Djnago Rest Framework*   2020
- It's a hub for libraries and packages that can be used with all Django applications and is an essential part of the Django ecosystem.
- Actively involved in contributing to this project.
- By adding support for dual licenses to packages, they have improved licensing features in the application.
- Updated their license validation system to the latest trove classifiers.
- Helped in removing codes that might not be needed or not used anymore or deprecated.
- Migrating from legacy code to newer versions.

Twitter Digest - CodeChella 2020 | *Python, Twitter API*   2020
- A Smart Assistant application that allows users to interact with Twitter in a meaningful way.
- Helping people with disabilities to use Twitter.
- Follow a user. Retrieve Tweets based on hashtags, trending topics, or from a particular user.
- Using our custom assistant, integration is a breeze.
- Repository - https://github.com/Jonnobrow/Codechella-2020

EDUCATION

Bachelor's Degree   GPA 3.2
Bangalore University, Bangalore, India   *August 2018 – September 2021*

Pre-University   Percentage 70
The National PU College, Jayanagar, Bangalore, India   *August 2014 – May 2018*