

Shreehari Vaasistha L

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TECHNICAL SKILLS

Programming Languages: Python[Intermediate], SQL, JavaScript[Beginner], HTML/CSS[Beginner]

DBMS: MySQL, PostgreSQL

Frameworks: Django, Django Rest Framework, flutter[beginner]

Development Environment: Linux(Debian based - Mx Linux, Linux Mint, Ubuntu)

Version Control System: Git(Github, Gitlab)

Cloud services: AWS, Digital Ocean

Web Servers: Nginx, Gunicorn

Communication languages: English, Hindi, Kannada

EXPERIENCE

Software Development Engineer - Intern,

January 2021 – Present

Dphi

- Developed production-ready RESTful API using Django/Django Rest Framework and MySQL to store data from learning management systems.
- Improved user experience by fine-tuning stored procedures & queries for efficient data retrieval from nearly 1 lakh records accessed by more than 20,000 users.
- Tuned complex SQL queries by writing better queries and implementing various optimization techniques such as indexing etc.
- Took ownership of the modules i worked on, to deliver optimal results.
- Wrote unit tests out of my work hours as a hobby and ended up writing them actively for development.
- Followed HATEOAS while building APIs.
- Communicated with front-end developers which helped in writing better APIs.
- Used raw queries instead of ORM(Object-Relational Mapper) where required.
- Communicated with business development team to understand the requirements, and build based on it.

Backend Developer - Intern,

March 2020 – December 2021

UrbanstopStudio

- Developed and deployed APIs for various platforms such as job-portals, e-commerce platforms, video streaming, and sharing, and live chat applications.
- Deployment to cloud(AWS, DigitalOcean) with tools like Nginx, gunicorn, and docker.
- Contributed 20K+ lines of code to an established codebase via Git
- Practical Experience in using WebSockets.
- Improving efficiency and performance of existing projects.

PROJECTS

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.
- Easy integration which is proved with our custom assistant.
- Link - <https://github.com/Jonnobrow/Codechella-2020>

Hackathonistas

- An open-source project by 3 enthusiasts from different parts of the world. This project was focused on giving hackathon enthusiasts to find right hackathon for them and organizers to publish.

EDUCATION

Bachelor's Degree

GPA 3.2

Bangalore University, Bangalore, India

August 2018 – May 2021

Pre University

Percentage 70

The National PU College, Jayanagar, Bangalore, India

August 2014 – May 2018