

# Shreehari Vaasistha L

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## TECHNICAL SKILLS

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**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

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### Software Development Engineer - Intern,

January 2021 – Present

#### Dphi

- Developed production-ready RESTful APIs using Django, Django Rest Framework and MySQL as the database.
- 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 designing better APIs.
- Used raw queries instead of ORM(Object-Relational Mapper) where required.
- Communicated with business development team to understand the requirements to better understand business requirements and designed database schema, APIs based on it.

### Backend Developer - Intern,

March 2020 – December 2021

#### UrbanstopStudio

- Developed and deployed APIs for various platforms such as job-portals, video streaming, and sharing, and live chat applications.
- Deployment to cloud(AWS, DigitalOcean) with tools like Nginx, gunicorn, and docker.
- Contributed 10K+ lines of code to an established codebase via Git
- Practical Experience in using WebSockets.
- Improving efficiency and performance of existing projects.

## PROJECTS

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### 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

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### Bachelor's Degree

Bangalore University, Bangalore, India

GPA 3.2

August 2018 – May 2021

### Pre-University

The National PU College, Jayanagar, Bangalore, India

Percentage 70

August 2014 – May 2018