

SHREEHARI VAASISTHA L

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SUMMARY

Myself Shreehari, working as a part-time software engineer and a full-time Bachelors student(2021 grad). Have in-depth knowledge in Python, Django, Django Rest Framework, MongoDB, PostgreSQL, MySQL, Git, HTML5, CSS3 and basic knowledge of C/C++, Javascript. I am a motivated individual who likes to learn new things and is a quick learner. I am very passionate and enthusiastic about creating constructive and efficient solutions. Hard Work, Dedication, Persistence, Patience and consistency is what i believe in. I also believe that having an open mind can help us remain creative and grasp ideas from any subject to implement it in your field!

EXPERIENCE

Software Engineer, Urbanstop Studio LLP

Jun 2020 - Present

- Working in a startup as a Part-time Software Engineer, where mostly i work on building APIs and its deployment.
- Improved APIs response time of ongoing projects.
- Applied the knowledge of Django and Django Rest Framework to build better APIs.
- Enhanced user experience by fine-tuning stored procedures & SQL queries for efficient data retrieval from nearly 4 lakh records accessed by 2500+ users.
- Identification and implementation of the crucial code improvements for existing projects resulting in improved response time and database optimisations.
- Optimising queries with the improved knowledge of Django, which resulted in 25 percent improved performance.
- Assisted in Developing and Designing of Architecture for projects according to user requirements and making sure that it is implemented and optimised for scalability.
- Handled full stack programming tasks for the development of a huge project and helped to achieve 10% decrease in operating costs.
- Writing well documented, readable and reusable codes.
- Experience in working on a chat application using Web Sockets.

Backend Developer, Urbanstop Studio LLP

Mar 2020 - May 2020

- Built reusable code and libraries for future use.
- Voluntarily worked with Digital Marketing Team to understand the needs of them and automated few of their works.
- Faced various challenges which facilitated in learning various new concepts and improving my existing skills

PROJECTS

Twitter Digest - CodeChella 2020

- A Smart Assistant application that allows users to interact with Twitter in a meaningful way.
- Helping people with disabilities to use twitter.
- Get Tweets based on a Hashtags.
- Get Tweets from a user.
- Follow a user.
- Get trending topics.
- Easy integration which is proved with our custom assistant.
- We are even planning it to take across all devices via Google Assistant, Cortana etc.
- Link - <https://github.com/Jonnobrow/Codechella-2020>

Custom Rom Development

- Started with Android 8.0 aka Oreo.
- I started with porting custom ROMs for Coolpad Note 3 lite.
- Right now I develop ROMs for Smartron SRT Phone (rimo02a) and helped other developers to make stuffs work on their phone too.
- I am part of various ROM communities and also made Android 9.0 aka Pie as stable as possible.
- Currently working on recently released Android 10.0, trying to make it as stable as possible.
- To take a glance of my works visit my profile on XDA developers(Link Below).
- <https://forum.xda-developers.com/member.php?u=8748632>

Hackathonistas

- An opensource project by 3 enthusiasts from different parts of the world.
- This project was focused on the giving hackathon enthusiasts to find right hackathon for them and organizers to publish the details.
- Our aim was reduce reduce the gap between Participants and organizers.

EDUCATION

Bachelor's Degree, Computer Science
Bangalore University

Jul 2018 - Jun 2021
GPA: 7.5

SKILLS

Programming Languages: Python, Java

Frameworks: Django, Django Rest Framework, FastAPI, Reactjs

Development Environments: Linux, unix

Databases: MySQL, PostgreSQL, MongoDB

Cloud: AWS S3, AWS EC2, DigitalOcean

DevOps: Docker, Github Actions, Jenkins

Scripts: Python, Bash

Version Control Systems: Github, Gitlab, Bitbucket

Web Servers: Nginx, Gunicorn, performance tuning

Others: Data Structures, problem solving, object oriented design

Communication Languages: English(Fluent), Hindi, Kannada

CERTIFICATIONS

- Applied Data Science with Python: <https://www.youracclaim.com/badges/a7aeb3b7-f3d1-492e-b5fd-9dacc7085220/>
- Machine Learning with Python: <https://courses.cognitiveclass.ai/certificates/c52b9842a8584394800b2b8e9368982e>

HOBBIES

- Swimming
- Gaming
- Cooking
- Gardening
- Yoga