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 developing efficient and performance-oriented APIs.
- Improved API 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 optimizations and also improving security.
- Optimizing queries with the improved knowledge of Django and SQL, which resulted in 25% improved performance.
- Assisted in Developing and Designing Architecture for projects according to user requirements and ensure that it is implemented, optimized, and meets the requirements.
- Improving code readability.
- Deployment to the cloud(AWS, Digital Ocean).
- Experience using tools like Nginx, gunicorn, docker for deployment.
- 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 disablities 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 assisstant.
- We are even planning it to take across all devices via Google Assisstant, 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 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   *Jul 2018 - Jun 2021*
Bangalore University   GPA: 7.0
Pre-University, Computer Science   *Jun 2016 - Mar 2018*
The National PU College - Jayanagar   Percentage: 70
Secondary Education,   *Jun 2015 - Mar 2016*
Auden Public School   Percentage: 83

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