

SARANYA KESAVAN

FULL STACK DEVELOPER



PROFILE SUMMARY

- Experienced web developer with a demonstrated history of working in an e-learning platform for 1.5 years.
- Passionate about learning new things and willing to apply them in the real world scenario to improve company growth.

CONTACT

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SKILLS

- **BACKEND:**
Python, PHP, C
- **FRONTEND:**
Javascript, JQuery, HTML, CSS
- **DATABASE:**
MySQL, Redis
- **FRAMEWORKS:**
Django
- **VERSIONING TOOLS:**
Git, Perforce
- **WEB DEBUG TOOLS:**
Chrome Developer Tool
- **OTHERS:**
Celery, RabbitMQ

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER

TOPRANKERS | NOVEMBER 2018 TO PRESENT

- Responsible for converting business requirements into a viable and scalable solution.
- Plan, design, and implement business logic through efficient coding to create a robust system and consistent workflow.
- Restructuring and redesigning legacy code to enhance system performance.
- Collaborating with UI / UX designers to create a user-friendly experience and responsive web and mobile applications.
- Writing API calls to deliver secure content with minimal time.
- Design and implement a flexible and scalable database schemas to support the workflow of the application.
- Optimize database system to improve performance as well as writing SQL queries.
- Liaising with the testing team for testing the website & ensuring effective and efficient product delivery.
- Participated and aware of all sorts of agile ceremonies (user story grooming, sprint planning, sprint retrospective, break larger epics into smaller stories and make accurate estimates through story points).

EDUCATION

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

From ST.JOSEPH'S COLLEGE OF
ENGINEERING, 2018 with a CGPA of 7.5

HIGHER SECONDARY SCHOOL

From VANI VIDYALAYA MAT. HR. SEC.
SCHOOL, 2014 with 91.1%

PROJECTS

SECURING VIDEO CONTENT IN CLIENT'S LOCAL MACHINE

C#, SQLITE, PYTHON, PHP, MYSQL | MAR 2020

- Redesigning the existing workflow of the live streaming application to accomplish secure content storage and upload of the VODs from the client machine to the server through secure key-exchange and encryption algorithms, by collaborating with a 3 member team.

PRODUCT FILTERING AND SORTING

PHP, MYSQL, JAVASCRIPT, HTML, CSS, ANDROID | FEB 2020

- Designed, planned and implemented product filtering and sorting based on different categories to provide customized purchasing experience for the user.
- Implemented filter and sort to support responsive web as well as the mobile application.

SECURE CONTENT DELIVERY TO CLIENTS

PYTHON,MYSQL, CELERY, RABBITMQ | DEC 2019

- Worked as a team to design, plan and implement a mechanism to securely copy the content across various domains to the clients.
- Created two levels of tagging mechanism to categorize the contents.

TEST ASSESSMENT ENGINE

PYTHON, MONGODB, CELERY, RABBITMQ,REDIS, DJANGO | SEP 2019

- Collaborated with a team of 3 to successfully design and implement a test assessment engine to support 10K+ concurrent users to improve the system performance.
- Migrated the data from SQL to NOSQL database to escalate the performance.
- Worked with the QA team to do performance testing.

ASYNCHRONOUS TASK QUEUES

CELERY, RABBITMQ, DJANGO, FLOWER | JUL 2019

- Integrated asynchronous task queues with Celery, RabbitMQ, and Django to take tasks off from the transactional system to accelerate the performance of the system.
- Written services to run the tasks and integrated flower for monitoring the tasks.

B2B ADMIN DASHBOARD

MYSQL, PHP, JAVASCRIPT ,HTML, CSS | MAY 2019

- Created an analytics dashboard for the B2B clients to monitor the activities on their websites, to help in business decisions.
- Assisted with the UI/UX designer to visualize the data using graphs.

UI ENHANCEMENTS

JAVASCRIPT, JQUERY, HTML ,CSS | MAR 2019

- Successfully enhanced the complete test creation UI to provide a hassle-free user experience.

DATA MANAGEMENT

PHP, MYSQL | FEB 2019

- Restructured the Database to accommodate the data of the B2B clients when migrating from the old system to the new system.
- Written jobs to migrate clients data without any data loss.

VIDEO RESTRICTION IN MOBILE APP

ANDROID, JAVASCRIPT, PHP, MYSQL | DEC 2018

- Enhanced secure content delivery by streamlining our android application to restrict users from recording and downloading videos with third-party applications.