HARISH V

SOFTWARE DEVELOPER

PROFILE

Software Developer with 1+ year of experience in building scalable web applications for EdTech and OTT platforms. Proficient in Python, Django, and modern frontend technologies, with hands-on experience in API development, security implementation, and database optimization. Proven ability to deliver end-to-end features from design to deployment in fast-paced environments

CONTACT

Phone: 9952807662
Email: harishpc2003@gmail.com
Location: Salem, Tamil Nadu, India
LinkedIn: linkedin.com/in/harish-v-developer
Github: github.com/HarishV14

SKILLS

- **Programming:** Python
- **Backend:** Django, Django REST Framework, REST APIs, Authentication, Role-Based Access Control
- **Frontend:** React.js, Alpine.js, Tailwind CSS
- **Database:** PostgreSQL, Citus
- **Tools & Platforms:** Git, Zoom API, WordPress

EDUCATION

B.E. in Computer Science and Engineering
K.S.R College of Engineering 2020 – 2024
CGPA: 8.4 / 10

CERTIFICATIONS

• **Python Programming** – GUVI (2022)
• **React JS** – Complete Guide for Frontend Web Development – Udemy (2023)

EXPERIENCE

Software Developer | Testpress

August 2024 - Present

Testpress LMS:

- Implemented Multi-Factor Authentication (MFA) for admin panel, enhancing product security
- Designed and developed a learner analytics module to track course enrollment and performance, improving reporting and monitoring capabilities

Flimix OTT Platform: (Ongoing Development)

- Designed and implemented an asset management module with bulk uploads, folder organization, and transcoding support
- Integrated TPStream for live streaming and Zoom API for in-platform video conferencing
- Built viewer management features to track purchase history, login activity, and watch behavior
- Implemented staff management with role-based access control and permission workflows

Flimix Studio – Page Builder(Ongoing Development)

- Designed and developed Flimix Studio, a reusable page builder platform exposed as an SDK for the OTT ecosystem
- Built a schema-driven, JSON-based configuration system for defining layouts and dynamic content blocks
- Implemented a runtime rendering engine for generating landing pages, listings, and promotional pages
- Developed APIs for storing, validating, and serving page configurations securely
- Enabled administrators to create and deploy viewer-facing pages without developer intervention
- Integrated the SDK seamlessly into the Flimix OTT platform

Database & Migration Projects:

- Contributed to distributed database scaling using Citus to improve system performance and reliability
- Supported and executed key components of the Python 2 to Python 3 migration with minimal service disruption

WordPress Development:

- Built and maintained company websites using WordPress
- Customized themes/plugins and optimized performance
- **Websites**: https://tpstreams.com/, https://tpsentinel.com/