

Shreya Mulay

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SUMMARY

Skilled Full Stack Software Engineer with 2 years of experience in creating high-quality websites. Proficient in multiple programming and tools. Competent individual and collaborative problem solver with a passion for learning and implementing new technologies, and a strong commitment to optimizing application performance and scalability.

EDUCATION

Bachelors in Computer Science (86%) , Savitribai Phule Pune University, Pune, India

Masters in Computer Science(93%) , Savitribai Phule Pune University, Pune, India

EXPERIENCE

Software Engineer, Zoomifier

- Design, develop, and maintain software applications according to specifications.
- Troubleshoot and debug software applications as needed.
- Mentor and guide junior developers.

Feb2022–Current

SKILLS

Languages: JavaScript, TypeScript, Python, Java, PHP

Web Technologies: WebRTC, Nodejs, Vue, Django

Database: SQL, NoSQL

Tools: GitHub, VSCode, MongoDB Compass, Postman

Cloud Services: AWS Bucket, AWS Lambda, PubNub, Googlecloud

PROJECTS

Simulcast (VueJS, WebRTC, MySQL, Node JS, TypeScript, Google cloud)

- Developed Simulcast, a video conferencing platform using WebRTC, enabling seamless real-time communication with high-quality video and audio streams.
- Key features include multiple stream support, low latency, scalability for numerous participants, cross-platform compatibility, secure user management, customizable layouts, and robust data security
- Created an add-on for ending meeting links. Integrated into the Google Workspace Marketplace, this add-on allows users to effortlessly generate and distribute Simulcast meeting invitations directly from their Google Workspace applications.

Moment (VueJS, WebRTC, MySQL, Node Js, JavaScript)

- Developed Moment, a mobile web application for capturing real-time video and photos using the device's camera.
- Features include high-quality capture, an intuitive interface, instant sharing to social media, cross-browser compatibility, efficient performance, and robust privacy controls.
- It supports seamless integration with cloud storage for easy backup and access.

Digital Library (VueJS, Java, PHP, MySQL)

- A digital library is an online collection of different types of resources like photo, video, panoimage, document, etc
- Developed the frontend for the Digital Library project and managed backend tasks, including the implementation of content filters and deletion features.
- Developed and integrated APIs to enhance content management, resulting in improved system usability and performance.

CustomShow (VueJS, TypeScript, MySQL, AWS Bucket, AWS Lambda)

- Developed CustomShow, a versatile presentation tool designed for creating and managing dynamic presentations.
- User-Friendly Interface: Provides an intuitive drag-and-drop interface for easy addition and arrangement of slides and content.
- Multimedia Integration: Supports the incorporation of images, videos, and audio for rich, interactive presentations.
- Collaboration Tools: Enables real-time collaboration and sharing options for team projects and presentations.
- Backend Design: Architected the backend infrastructure to support scalable and efficient presentation management.
- API Development: Created and integrated APIs for handling data, user interactions, and multimedia content.
- Font Management: Developed backend systems for dynamic font integration, management, and rendering, supporting various font styles.
- Referenced Slide Support: Added functionality to allow users to reference and include slides from other presentations

Bakery Management System (Python, Django, Sqlite)

- The Bakery Management System is a web-based application, efficiently manages inventory, orders, sales, and customer data, and is accessible from any device.
- Access the system at: <https://shreyamulay.pythonanywhere.com/>