

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

Enhanced Video Assistant (EVA)

The Capstone Experience

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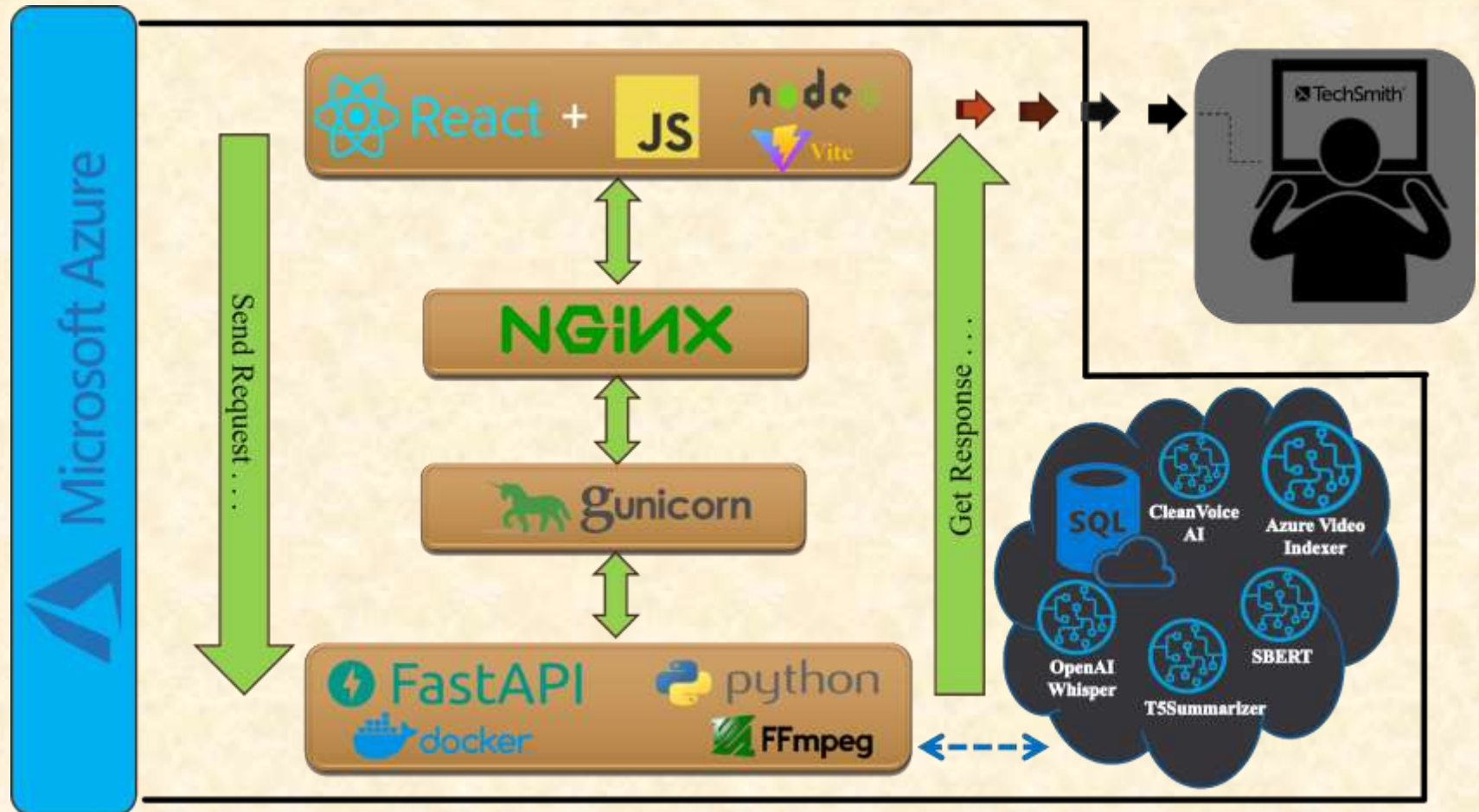
*From Students...
...to Professionals*

Project Overview

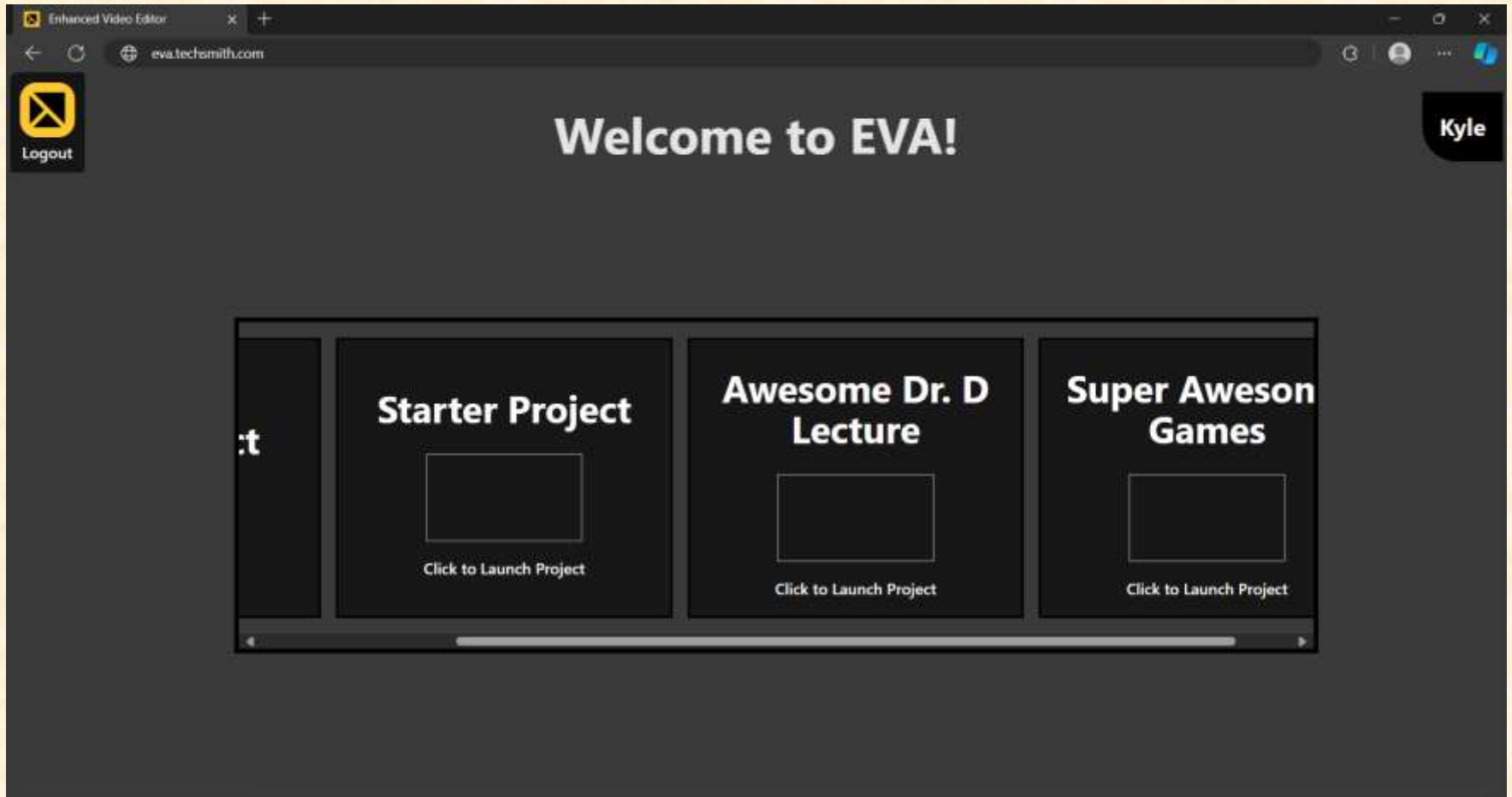
- Automated video editing web application
- No prior editing experience required
- No learning curve
- Features
 - Video Streamliner
 - Narration Improver
 - AI Focus Group



System Architecture



Home Page



Video Streamliner

The screenshot displays the 'Video Streamliner' web application. The browser address bar shows 'eva.techsmith.com'. The navigation menu includes 'File', 'Video Streamliner', 'Narration Improver', and 'Focus Group'. The main interface is split into two panels. The left panel features a video player showing a 3D architectural rendering of a building interior, with a progress bar at the bottom indicating '1:50 / 5:34'. The right panel, titled 'Video Streamliner', contains a 'Run' button, a 'Manual Cut Mode' button, and a 'Deleted Clips' section. This section lists a clip with a thumbnail of a green and blue interface, a duration of '1:30 - 1:41', and a 'Restore' button. Below this, another clip thumbnail with a red and pink abstract background is visible.



Narration Improver

The screenshot displays a web browser window titled "Enhanced Video Editor" at the URL "www.techsmith.com/project". The interface includes a navigation menu with "File", "Video Streamliner", "Narration Improver", and "Focus Group". The main area is split into two panels. The left panel shows a video player with a game scene and a small inset of a streamer. The right panel, titled "Narration Improver", features two buttons: "Normalize Audio" (active) and "Clean-Up Audio". Below these are two audio waveform visualizations: "Current Audio" and "Suggested Audio". At the bottom of the right panel are "Keep Old" and "Accept New" buttons.



Focus Group

Enhanced Video Editor

www.techsmith.com/project

File Video Streamliner Narration Improver Focus Group

VECTORS

One Lone Godar

Focus Group

Tone **Clarity** Engagement

Minor Issues Breakdown

- 1:30 - Slight mumbling
- 4:15 - Slight stuttering
- 6:00 - Slight slurring

Recommendations

- 1:30 - Speak slower
- 4:15 - Speak more confidently
- 6:00 - Enunciate more clearly

Clarity Trends

Clarity is highest during personal anecdotes

Clarity is lowest during technical explanations

Generate



What's left to do?

- Manual Video Editing
- Improve UI
- Optimize processing time
- Deploy on Azure
- Migrate database back to cloud



Questions?

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