

# SUPER SHAHAD PERSONAL PORTFOLIO

SWE363 -Assignment4

# PROJECT OVERVIEW

- A personal portfolio built with a Mario theme
- Fully interactive UI, sound effects, animations
- Contains skills, projects, GitHub API, and contact form

# KEY FEATURES

Mario-style UI + animations

Personalized greeting

Project filtering (Beginner / Intermediate / Advanced)

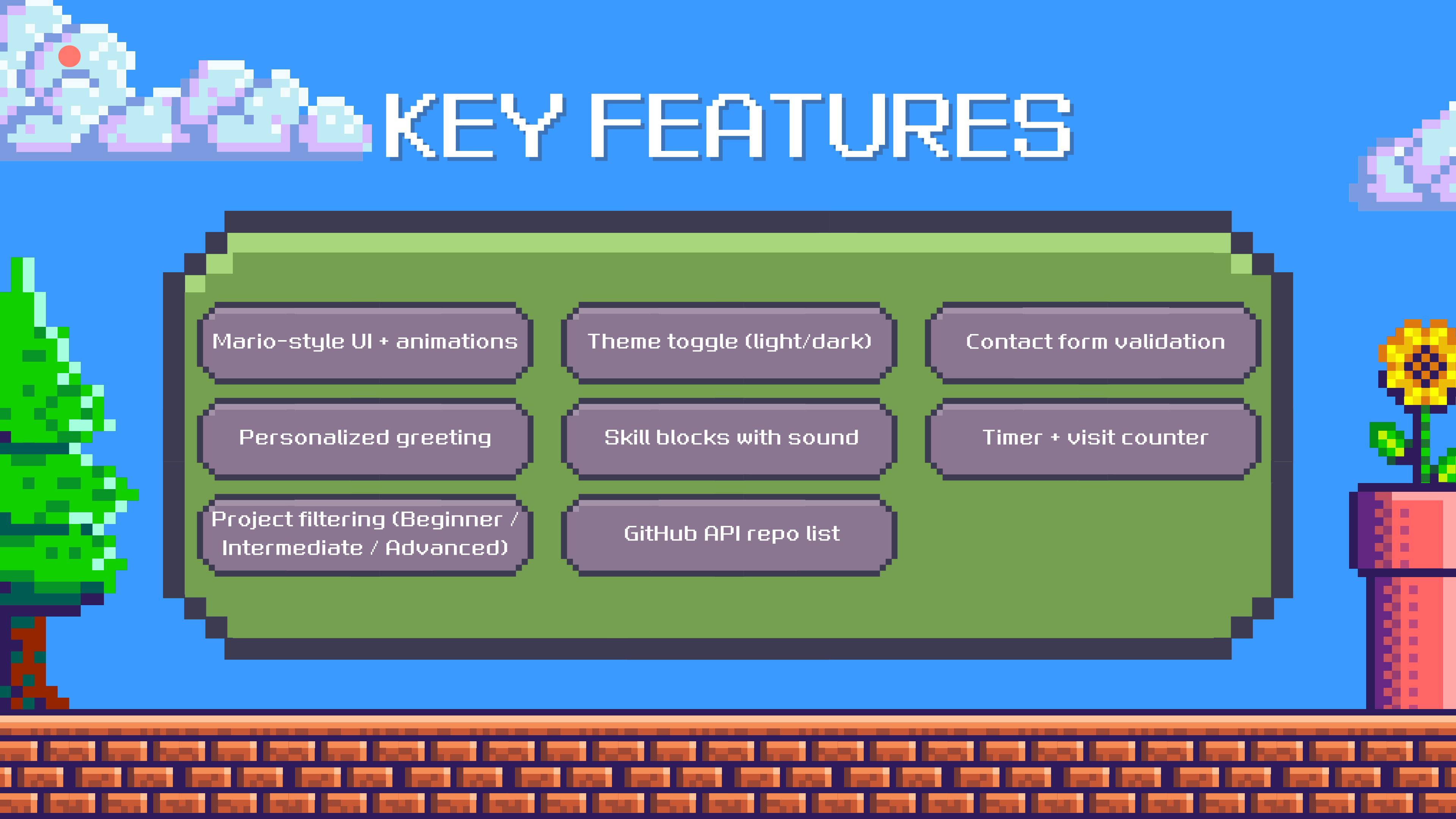
Theme toggle (light/dark)

Skill blocks with sound

GitHub API repo list

Contact form validation

Timer + visit counter



# TECHNICAL ARCHITECTURE

## Front-end:

HTML → structure

CSS → Mario theme, animations

JavaScript → all interactivity

## APIs

GitHub REST API (fetching repositories)

# AI INTEGRATION

## AI Tools Used

- ChatGPT
- GitHub Copilot

## How AI Helped

- Debugging JavaScript
- UI/CSS improvements
- Animations & button styling
- Documentation support

# CHALLENGES, SOLUTIONS & CONCLUSION

## Challenges:

- Sounds not playing
- Image paths broken
- Filter/sort issues
- Skill unlock not saving

## Solutions:

### Fixed folder paths

- Corrected image routes
- Improved filter logic
- Used localStorage

## ChallengesConclusion:

- Built a responsive Mario-themed portfolio
- Fully interactive (skills, sounds, API, filters)
- Clean, organized code + documentation

## Future Work:

- More animations & sound effects
- Project detail pages
- Achievement/level system



The End  
**THANK YOU !**  
for the demo