Portfolio

My DevPost

A showcase of my projects and creative work in technology

Vicky Kang

Project 01: *Personal Portfolio Website*

My Resume & Projects Hub

This personal website serves as a hub for my portfolio, resume, and projects.
It allows visitors to explore my work, download my portfolio PDF, and learn about my technical skills and experience.
The goal was to create a responsive and professional web presence that clearly showcases my projects.

Key Features

- Fully responsive design for desktop and mobile
- Portfolio PDF available for download
- Project showcase with interactive cards and detailed pages
- Theme toggle (light/dark mode)
- Contact section with LinkedIn, GitHub, and email links

Frontend: HTML, CSS, JavaScript
Tools: Visual Studio Code, GitHub, Render(Deployment)

Project 01

Role/Contribution

- Designed the full architecture and delivered a fully responsive website.
- Strategically utilized AI tools for generating initial boilerplate/structural code to **accelerate the development timeline**. Handled layout, styling, project showcase functionality, and responsive design.
- Demonstrated **end-to-end project ownership** by independently executing complex UI/UX refinements, JavaScript functionality implementation (e.g., theme toggle), and deployment to Render.

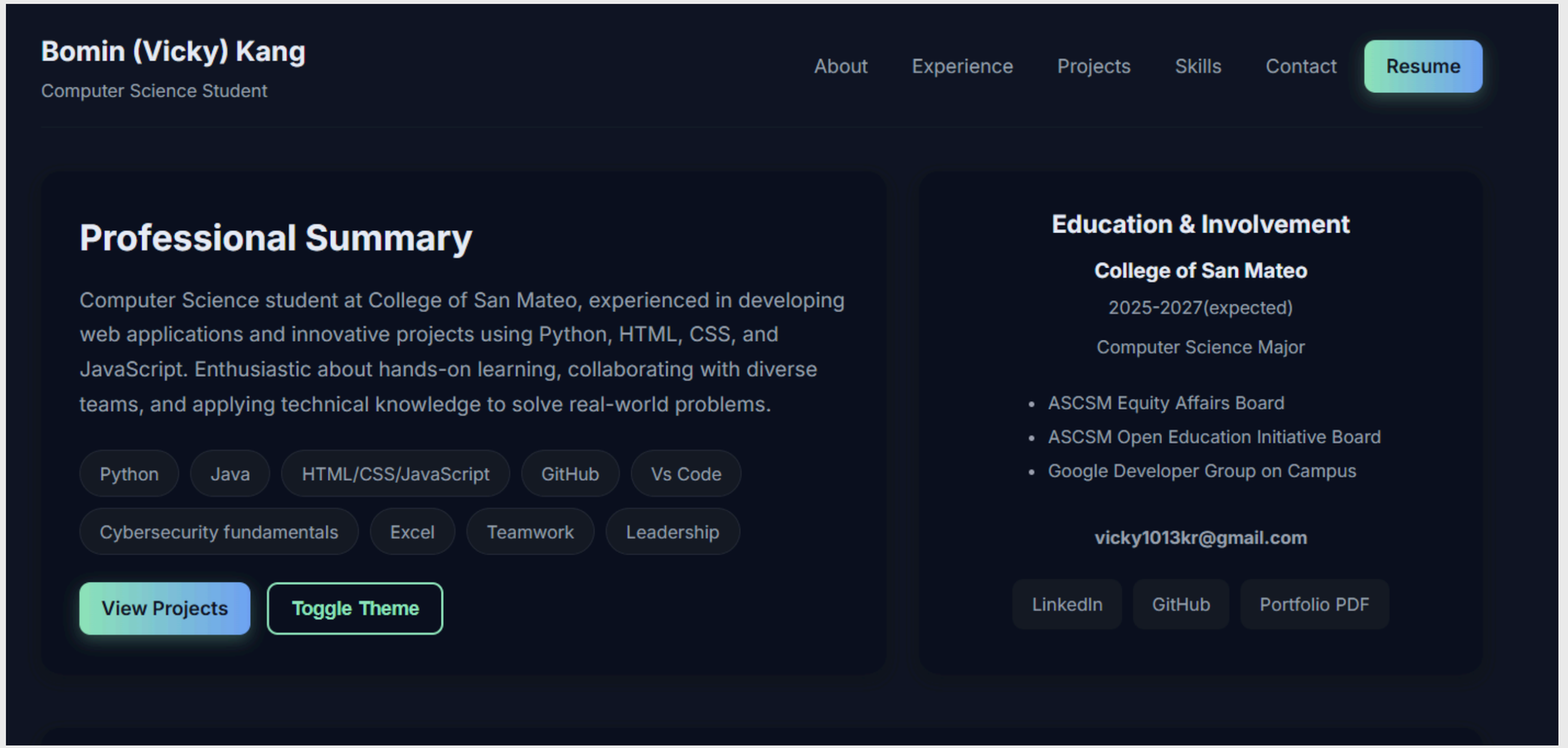
Outcome / Results

- Successfully deployed on Render, providing a live, accessible portfolio hub. Received positive feedback on UI/UX and responsiveness.

Lessons Learned

- Improved skills in responsive web design for desktop and mobile.
- Gained experience in dynamic content handling using JavaScript(modals, theme toggle).
- Learned to structure a project for clarity and maintainability, integrating HTML, CSS, and JavaScript.
- Practiced deploying a web application on Render and linking it with GitHub for version control.

Project 01



🔗 View Website | 🧠 GitHub

Project 02: *Cal Hacks 12.0 Hackathon – LearnIt AI*

AI Study Planner

This AI-powered study planner was developed during Cal Hacks 12.0, a hackathon hosted by UC Berkeley.
It helps first-generation and freshman students, especially those navigating financial aid or academic planning challenges, analyze course syllabi, generate weekly study guides, and build personalized learning plans.
The goal was to create a functional, end-to-end system that demonstrates practical AI integration for education and enhances students' study efficiency.

Key Features

- Syllabus parsing and automated weekly study plan generation
- AI-generated quiz questions based on syllabus content
- Personalized study suggestions and video/resource linking
- Exportable study plans and a simple user dashboard
- Live demo accessible online

Backend: Python, Groq API
Frontend: HTML, CSS, JavaScript
Tools: Visual Studio Code, GitHub, Rener(Deployment)

Project 02

Role/Contribution

- Collaborated in a **3-person team** to deliver a functional full-stack prototype within the **48-hour** hackathon window. Specifically engineered the Python backend logic for **Groq API integration** and real-time schedule generation.
- Achieved approximately **30% development acceleration** by leveraging AI-assisted coding tools, focusing efforts on complex full-stack connection and ensuring a responsive frontend UI/UX.

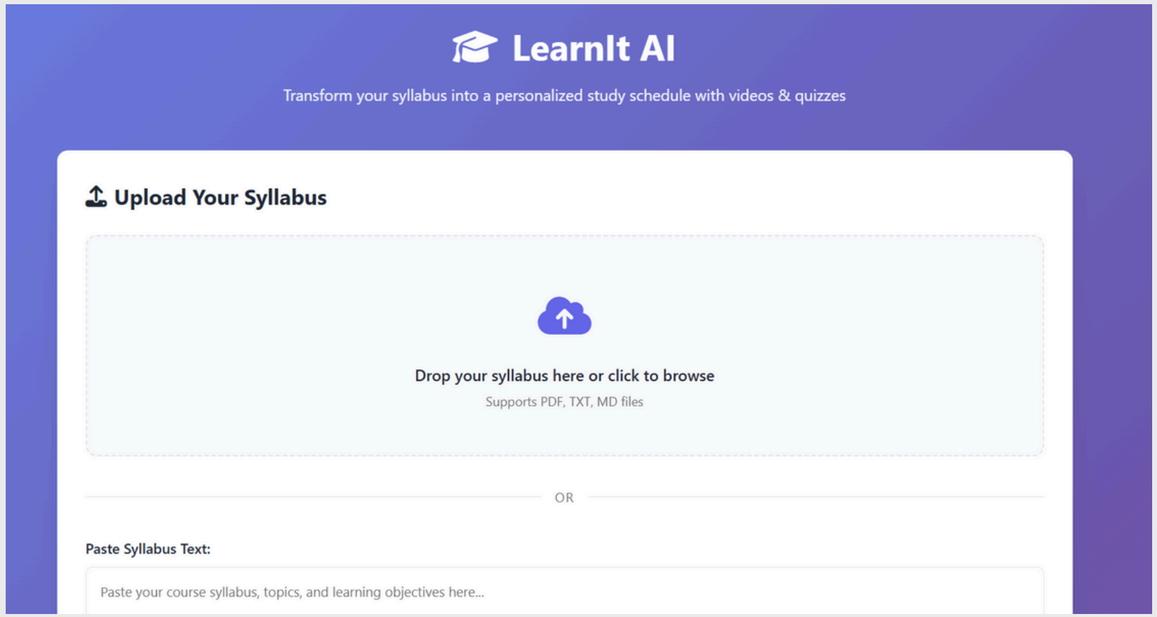
Outcome / Results

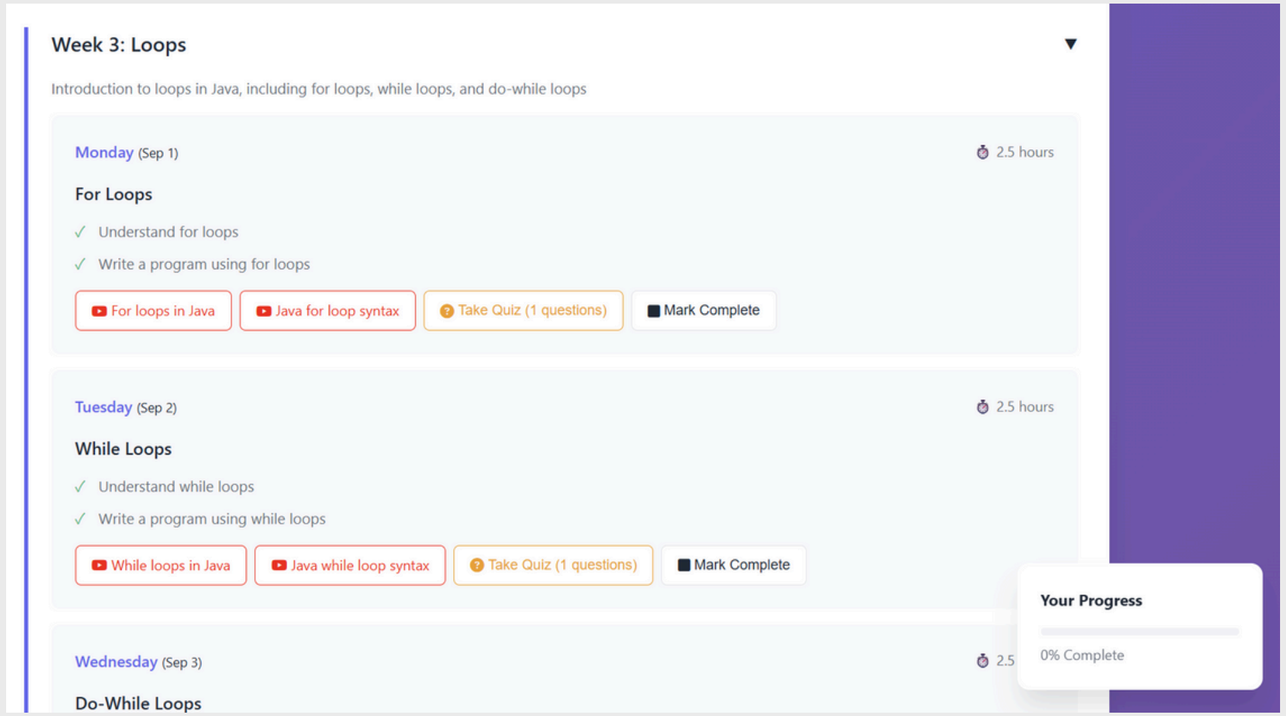
- Successfully developed and deployed a working prototype during Cal Hacks 12.0
- Provided a functional end-to-end system: syllabus → weekly plan → quizzes
- Positive feedback on usability, interface clarity, and AI accuracy

Lessons Learned

- Gained hands-on experience working with APIs and integrating AI features into a web application.
- Learned how to connect frontend and backend components efficiently and troubleshoot issues during development.
- Explored practical ways to use AI tools effectively to accelerate development while maintaining code quality.

Project 02





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▶ Watch Demo | 📊 Slides

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