

AI- Enhanced Personal Portfolio — Deliverables

Prepared for academic review (Instructor Presentation Version)

Scope Note: This document consolidates and re - structures content from the provided presentation about building an AI - enhanced personal portfolio. It does not introduce new features beyond the source scope.

1) Low- Fidelity Prototype (Textual Schematic)

A simple, responsive single- owner portfolio website with the following structure:

- Home: concise bio, role/title, contact links, downloadable CV.
- Projects: per- project card with name, short description, tech stack, media (image/video), links (Live Demo, GitHub).
- Skills: clearly separated Technical and Soft Skills.
- Career Path: education, work experience, professional certifications, key achievements .
- Personal Info: name, profession, brief bio, direct contact and resume download.
- AI Chatbot Panel: embedded assistant trained only on the owner's CV and project descriptions to answer questions about the owner.

Optional interaction areas mentioned in the deck (if included):

- Blog section for insights and learnings.
- Testimonials from colleagues/clients.
- Downloadable executive summaries for key projects.

2) Documented Interaction Feature List

- Responsive portfolio layout across devices.
- Project browsing with rich media and external links (Live Demo, GitHub).
- Downloadable CV from the Personal Info area.
- AI chatbot trained on owner's data (CV, project texts) to answer questions about the owner only.
- Clear navigation among sections: Skills, Projects, Career Path, Personal Info.

Out of Scope (per deck):

- General- purpose AI features (limited strictly to information about the owner).
- Multi- user or enterprise functionality (single- user portfolio).
- Complex CMS for the portfolio.

3) Draft Ethics & Emotional Interaction Strategy

Aligned with the presentation's scope and audience, the interaction tone and behavior should remain:

- Professional, modern, and visually engaging; concise copy per screen.
- Audience- appropriate: primary audience is recruiters/hiring managers; secondary is peers and collaborators.
- Chatbot answers are limited to the portfolio owner's background, projects, and skills. No claims about external topics.

Emotional interaction guardrails (derived from scope):

- Helpful and courteous responses focused on career- relevant information.
- Avoid persuasion or sensationalism; maintain a factual, respectful tone consistent with a professional portfolio.

4) Handling Errors, Ambiguity, and User Control

Within the portfolio's limited scope, behaviors should be constrained to information provided in the owner's materials:

- If a user asks about topics beyond the owner's data, the chatbot should state that the information is out of scope.
- On ambiguous queries about the owner (e.g., unspecified project), prompt the user to choose among available items (projects, roles, dates) present in the portfolio.
- If media or links are unavailable for a project, the UI displays a clear "Not available" message rather than fabricating content.
- Provide persistent navigation controls so users can switch sections (Skills, Projects, Career Path, Personal Info) at any time.

5) Data Handling and Ethical Safeguards Strategy

The solution uses only the owner's provided materials (CV, project descriptions, professional history) as its knowledge base:

- Training content is limited to portfolio texts and media supplied by the owner; no aggregation of unrelated personal data.

- The chatbot's purpose is narrow: answer questions about the owner and the displayed projects only.
- No multi- user data collection or enterprise analytics are included in scope.

Technical notes (from deck options):

- Deployment with a robust backend (e.g., OpenAI API, Firebase, or custom NLP) to serve the chatbot tied to portfolio content.
- End- to- end testing before launch to ensure responsiveness and reliability.

6) Next Steps (As Stated in the Deck)

- Initial design: structure, UI/UX, and visual design.
- Engineering implementation: front- end, back- end, and content population.
- AI integration: train the chatbot on the owner's materials and connect via API.
- Testing and launch: performance, responsiveness, and public deployment.

This document is a faithful restructuring of the provided presentation for instructor review.