Abdul Wahab Madni

Bonn, 53119 | +4917676492785

madniabdulwahab@gmail.com

https://linkedin.com/in/abdul-wahab-madni

https://behance.net/wahab-madni

Frontend UX Developer combining front-end engineering (React, TypeScript, HTML/CSS, API integration) with UX design and research (Figma, usability testing, design systems). Proven delivery of accessible, high-quality web experiences in cross-functional teams, with strong Drupal theming capability (Twig, preprocess, libraries.yml) demonstrated through Drupal projects.

EXPERIENCE

Research Web/Software Engineer   Jan 2024 - Present
Hertz Chair for Artificial Intelligence and Neuroscience (CAIAN)

- Develop and enhance **Calibench**, delivering researcher-facing workflows (upload, processing, status/results) with strong usability focus.
- Build responsive, maintainable UI in **React + TypeScript**, translating UX intent into reusable components and consistent interaction patterns.
- Integrate UI with **REST APIs**; implement robust error handling and clear loading/empty/error states for reliable end-to-end flows.
- Collaborate with researchers/designers/back-end to align UI behavior, data contracts, and release readiness; support delivery planning and prioritization.
- Perform structured QA (cross-browser, UI regression, accessibility sanity checks) and improve performance/maintainability through refactoring and documentation; support Docker + CI/CD workflows.
- Maintain and extend supporting research tooling (including MATLAB-based components) while keeping developer documentation clear and reproducible.

UI UX Designer   Sep 2020 - Mar 2023
LWT, Georgia

- Created end-to-end **UI designs** for web/mobile: low-fi wireframes → high-fi mockups → interactive **Figma** prototypes; defined responsive layouts, states, and micro-interactions.
- Planned and executed **UX research** (stakeholder and user interviews, task analysis, quick surveys), synthesized insights into personas, user journeys, and task flows.
- Ran **usability testing** (moderated/unmoderated), prioritized findings, and iterated designs to remove friction and improve task completion.
- Maintained a **design system** (components, tokens, usage guidelines) to keep products consistent with the brand.
- Collaborated with PMs and engineers on **design handoff** (specs, assets, redlines) and acceptance reviews; tracked issues through delivery.

User Interface Designer   Apr 2019 - Aug 2020
Posse Design Academy, Islamabad

- Designed **visual assets, catalogues,** and **marketing materials** for web, social media, and print campaigns.
- Worked on **business requirements analysis** and translation into design concepts, ensuring consistent branding across all channels.

PROJECTS

Daily4U Drupal Website   Nov 2025
Drupal Theming (Twig) + UX-Focused Front-end Delivery
https://github.com/MadniAbdulWahab/daily4u-site

- Customized the **January** Drupal theme into a branded business site with a conversion-oriented homepage and consistent layouts across core pages.
- Built reusable theme components using **Twig templates + preprocess hooks**, keeping markup clean and scalable.
- Managed theme assets via **libraries.yml** and delivered **responsive, accessibility-aware** UI with cross-browser consistency and performance-minded changes.
- Set up local development with **DDEV (Docker) + Composer/Drush** and documented onboarding.
- Implemented **Google Tag Manager (GTM)** in a Drupal site (container installation in theme/templates or via module) and validated correct firing across pages using GTM Preview/Tag Assistant.

EDUCATION

Master of Science (M.S.) - Computer Science   Apr 2023 - May 2026 (Expected)
Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn

Bachelor of Science (B.S.) - Computer Science   Sep 2018 - Jun 2022
National University of Sciences and Technology, Islamabad

SKILLS

- **UX & Design:** UX research & analysis, Structured interviews & stakeholder workshops, User Personas, User journey mapping, Task flows, Information architecture, Wireframing & prototyping (Figma), Usability testing & heuristic evaluation, Accessibility best practices (WCAG – working knowledge).
- **Front-End & Drupal:** HTML5, CSS3, JavaScript (ES6+), React, Angular, Responsive UI development, component-based architecture, Drupal theming/customization, **Twig templates**, **preprocess hooks**, **libraries.yml** asset management, reusable blocks/sections, Composer/Drush workflows, local development with DDEV (Docker).
- **Platforms & Integration:** Microsoft Azure, Azure API Management (APIM), REST APIs, Postman, SharePoint, Power Pages, Power Apps, Docker.
- **Data, Delivery & Tools:** Dashboards & reporting, SQL, Requirements gathering & business analysis, Project coordination, Documentation, Git, CI/CD.
- **Analytics:** GA4 / GTM, tracking plans, validation/debugging familiarity.

LANGUAGES

English (C1), **German** (A2), **Urdu** (Native).