



Bahaa Shamtoot

UX Designer | Software Engineer

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Profile

A highly motivated UX Designer with expertise in Figma, wireframing, and user-centered design, combined with strong software engineering skills in MEAN Stack (Angular) development. Passionate about creating seamless, user-friendly digital experiences through a blend of design and programming knowledge.

Highlighted Skills

- **UX/UI Design:** Prototyping, user-centred design, usability testing, Figma
- **Programming Languages:** Dart, JavaScript, Python, TypeScript, Java
- **Frontend Development:** Angular, React, Ionic, Flutter, HTML5, CSS3, TailwindCSS
- **Backend Development:** Node.js (Express.js, NestJS), Django, GraphQL, REST APIs, Authentication: JWT, OAuth, AWS Cognito
- **Databases & Data Management:** PostgreSQL, DynamoDB, MongoDB, Redis, Mongoose,
- **Cloud & DevOps:** AWS (Amplify, Lambda, Cognito, SNS, SQS), Azure, Docker, CI/CD
- **Testing & Agile Tools:** Jest, JUnit, Jira, Trello, Scrum, Kanban

Software Engineering Experience

Portion App | Full Stack Angular Flutter NextJS Developer | Bahrain, Seef **November 2024 – Present**

- Developing and maintaining cross-platform Flutter mobile applications with a focus on performance and user experience.
- Leading the enhancement of the Portions app, including significant achievements such as:
- Comprehensive refactoring of the payment system with improved error handling and user feedback.
- Implementation of deep linking and navigation redesign for seamless user experiences.
- Development of smart notification systems and localization support, including full Arabic localization and RTL support.
- Enhancement of meal management features, including date validation and data loading improvements.
- UI/UX improvements for wallet transactions, saved cards, and meal selection processes.
- Collaborating with UX designers to develop intuitive solutions aligned with user needs and business goals.
- Tracking progress and managing tasks using Trello for efficient project management.

AI Amthal Group. | Mobile app Intern | Bahrain, Sanabis **June 2024 – July 2024**

- Developed a dashboard application using **Ionic** and **Angular**, integrating **.NET** core for efficient data management.

Penny Software Co. | MEAN Full Stack Developer | Bahrain, Seef **January 2024 – May 2024**

- Enhanced UI performance and backend integration in Angular/NestJS services Microservice architecture.
- Optimised app efficiency and user experience with Redis caching.
- Improved web app responsiveness by integrating RabbitMQ for async communication.
- Ensured smooth data exchange and retrieval between front-end and back-end using mongoose, MongoDB.

Projects:

1. **100 Days of Python | Python Developer:** Completed a 100 days of coding comprehensive program in Python, mastering automation, game development, data science, and machine learning. Developed a portfolio of real-world Python projects, demonstrating professional-level proficiency in Python programming. [GitHub Repository](#)
2. **INTELLIHUB AI PROVIDER:** Developed an AI core system featuring, text-to-speech, text summarization, and LLM-based content generation. Built a secure authentication framework with OAuth and JWT to ensure system security.
3. **Car Showroom Mobile App | Mobile Developer:** Developed an Ionic Angular mobile app for virtual test drives, integrating Cordova for cross-platform functionality. Presented and sponsored at the LEAP 2024 Tech Conference. [GitHub Repository](#) | [Live Demo](#)

User Designing Experience

User Experience Design Immersive, General Assembly | Bahrain, BIBF

Jul 2024 – Sep 2024

Projects: (details in UX Portfolio)

1. University of Bahrain Job Career Portal | UI/UX Designer: Designed a platform for students to apply for jobs, book counselling, and access resources, while enabling employers to post jobs and find candidates.

Tools Used: User Research, C&C analysis, Persona, Journey Mapping, Figma

2. Danat Web Redesign | UI Designer: Led User Interviews, Surveys, Usability Testing to enhance DANAT's clients User Experience and introduced virtual tours and interactive content to showcase facilities and streamline the registration. **Tools Used:** User Research, C&C analysis, Persona, Journey Mapping, Figma

Community Engagement

Alumni Club President | Thinksmart For Development & Training | Bahrain, September 2022 – Present

- Coordinated events at prominent tech conferences, including LEAP in Riyadh and GITEX Global in Dubai. 2023, 2024
- Nominated over 350+ students to join Tamkeen training programs.
- Volunteered as a Teaching Assistant, facilitating over 20 workshops focused on career soft skills development.

Education

- **(BSc) Software Engineering University of Bahrain | Bahrain, Zallaq** **Sept 2020 - Dec 2024**
- **UX Immersive Fellowship Program, General Assembly, Bahrain** **Jul 2024 – Sep 2024**