

Talal Munzar

UI/UX Engineer

tmunzar@gmail.com

tmunzar.github.io

+1 (301) 412 5769

Baltimore, MD

Experience

Senior UI/UX Developer, EngagedMD; Washington, DC — 2020 - Present

- Lead efforts in maintaining a maintainable Front-End Architecture, UI Component System, and Accessibility Standards through Component Driven Development.
- Continuously deliver production-ready code using Typescript, Redux, NextJS, MaterialUI, and Cypress.io for web applications on a patient management and education platform.
- Interfacing with Product Design and maintaining a scalable & tokenized UI Design System
- Mentoring junior front-end engineers,
- Advocating for the end-user from the engineering aisle of the product development team

UX Engineer, Stardog Union; Arlington, VA — 2018-2020

- Developed features using BlueprintJS in an ElectronJS development environment for a SPARQL query editor and database management application.
- Designed features based on user feedback and collaborated closely with customer success teams.
- Prototyped new features using ReactJS and TypeScript.

Full Stack Web Developer & Co-founder, Jellyfish; Islamabad, Pakistan — 2011-2017

- Founded a 2-person design consultancy serving a diverse portfolio of 30+ clients.
- Developed strategies and leveraged technologies to enhance existing or build new digital products.
- Engineered numerous web & mobile applications as a full-stack developer, using various programming languages and frameworks.
- Adapted user-centered design processes, including sketching, wire-framing, and prototyping, to the Pakistani context.
- Notable Jellyfish clients: Developyst (Pakistani NGO - Website & Digital presence), Humqadam (Pakistani NGO - Website & digital presence), Yuave (UK Startup - Auto-receptionist software for small business), Tarv2Trav (US Startup - Social Network for frequent travelers), TalkHotels (US Startup - Social network for hotel professionals), QBXNet (German Startup - Website and digital presence for a VR product).

Web Developer; Datum Square; Islamabad, Pakistan — 2011-2012

- Developed websites using Joomla! and the Google Maps API.

Software Developer; Appstract Concepts; Islamabad, Pakistan — 2010-2011

- Developed a suite of web survey tools using CakePHP & Objective-C.

Intern; EMT; Penzberg, Germany — Summer 2009

- Developed an interactive 3D simulation from flight data collected by a reconnaissance drone.

Education

University of Maryland College Park — Masters in Human-Computer Interaction, 2019

Lahore University of Management Sciences — Bsc. (Hons) Major: Computer Engineering, 2010

Skills

JavaScript, ReactJS, VueJS, TypeScript, Material UI, Redux, Component Driven Development, Design System, Storybooks, Design Tokens, Front-end Architecture, CSS, SASS, SVG, HTML, Figma, Sketch, Framer, Adobe xD, Photoshop, Illustrator, InDesign, Wire-framing, Rapid Prototyping, Sketching, LESS, PHP, Laravel, CoffeeScript, Ruby on Rails, SPARQL, MySQL, GraphQL, Usability Testing, User Analytics

Publication

Weintrop, D., Killen, H., Munzar, T., & Franke, B. (2019, February). Block-based Comprehension: Exploring and Explaining Student Outcomes from a Read-only Block-based Exam. In Proceedings of the 50th ACM Technical Symposium on Computer Science Education (pp. 1218-1224).