# Sahara Fathelbab

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## Front-End Developer

Creative and inventive developer with experience in user interface design, system development, and the optimization of existing project usability and accessibility. Passionate individual capable of quickly adopting and leveraging new technologies and methodologies. Areas of experience include:

- Front-End Design & Development
- Augmented Reality Development
- Technical Documentation & Training
- Project Planning & Management
- Search Engine Optimization (SEO)
- User Experience & Interface Design

## Technical Proficiencies

| | |
|---|---|
| *Languages:* | JavaScript, Python, Java, PHP, SQL, HTML, CSS |
| *Tools:* | WordPress, Adobe XD, Squarespace, Kentico |
| *Frameworks/Libraries:* | A-Frame, three.js, React.js |

## Professional Experience

**Lead Web Designer & Developer,** 2019     *The Creative Group, Montclair, NJ*

- Ensured design continuity and link validity of the American Society of Mechanical Engineers (ASME) website through their refurbishment period to a new client management system (Kentico); praised for detailed documentation.
- Launched hankandstellas.com through Squarespace, ensured landing page accessibility, setup SEO, utilized industry best design practices to enhance interface usability while providing extensive SquareSpace training.

**Web Designer & Developer,** 2018     *Web Design & Development Consultant, Edgewater, NJ*

- Collaborated to define project scope, construct prototype, and spearhead the design and development of a client work portfolio on Wix with additional customized HTML elements integrated; client received increased interest at job fair.

**Web Developer Intern,** 2018     Plumdrop, New York, NY

- Implemented effective layout for consumer products on company website through WordPress interface to enhance user experience and readability and increase the flow of incoming traffic to company website.

## Projects

**My Portfolio**
*Technical Scope: Adobe XD, React.js, HTML, CSS*
Developed my portfolio in React.js using stateless functional components throughout to ensure DRY Principle; receives and renders appropriate data to screen via class and id hierarchy.

**Snowy Potter**
*Technical Scope: three.js, A-Frame, Glitch*
Developed an Augmented Reality snowman in three.js framework, A-Frame, entity-component-system (ECS) architecture with container objects to envelop data containers. Integrated Quick Response (QR) code.

**Cryptography**
*Technical Scope: JavaScript, HTML, CSS*
Established an advanced code and cipher system with asynchronous patterns of JavaScript that converts input into code; inspired by the book Code Girls, received positive feedback from the author.

**Hackathon: Instant Health**
*Technical Scope: Adobe XD, HTML, CSS, JavaScript*
Generated wireframes in Adobe XD and an interactive prototype of a web application that enabled the display of historical medical data in HTML, CSS, and JavaScript. Team placed in Top 4 of Healthcare category.

## Education / Training

**Bachelor of Science in Computer Science (**2018)
Montclair State University, Montclair, NJ

*Certifications*
Responsive Web Design | FreeCodeCamp

## Personal Interests

USATF Track Athlete, 5000M
Lifestyle & Fitness Blogger | saharasdreams.com