

# Bret Petersen

## Full Stack Web & VR Developer

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### PROFESSIONAL SUMMARY

Full Stack Web Developer with extensive experience in visual design who enjoys the fast-paced environment of the tech industry and being part of pioneering teams. VR-fluent developer who enjoys creating interaction and animation filled mobile and desktop experiences.

**Core Competencies and Skills:** Full Stack Web Developer with a focus on Front End and VR.

### TECHNICAL SKILLS

HTML, CSS, Javascript, Bootstrap, Unity, AltspaceVR, React.js, Node.js, jQuery, Express, SQL, MongoDB, MySQL, Responsive Design, ORM, MVC, ES6, Git, Unit Testing, Snapshot Testing.

### PROJECTS

#### **Beautiful Mind VR App**

Served as project lead while developing a VR application to teach ADHD users important life skills.

*Tools used:* Unity, C#, SketchFab, Blender, NovelAI, Miro, and Premiere Pro.

[github.com/bretpeters3n/BMind\\_vrUNITYApp](https://github.com/bretpeters3n/BMind_vrUNITYApp) • [oculus.com/experiences/quest/6396613747021856/](https://oculus.com/experiences/quest/6396613747021856/)

#### **Budgety**

Acted as project lead in developing an application allowing users to create budgets and organize their funds.

*Tools used:* Nest JS, Typescript, MongoDB, Bcrypt, Passport-JWT, GitHub, and GitHub Pages.

[github.com/bretpeters3n/seal-team-3](https://github.com/bretpeters3n/seal-team-3) • <https://budgety-front.uc.r.appspot.com/>

### WORK EXPERIENCE

#### **Front End Web Developer and Designer** • Coolibar, St. Louis Park, MN

02/2022 - current

- Updated e-commerce website with redesigned site navigation and new company logo.
- Increased accessibility of Magento site by conforming to current web standards.

*Key achievement:* Introduced use of video for collection releases.

#### **UX/UI Designer** • Irish Titan, St. Louis Park, MN

03/2020 - 06/2021

- Communicated with clients to discover their needs and fine tune their projects.
- Researched and tested e-commerce apps for use on our client's online stores.

*Key achievement:* Expedited adoption of Figma as the main software design tool.

#### **Web Specialist** • United Healthcare, Hopkins, MN

08/2019 - 12/2019

- Animated advertisements and designed emails.
- Helped usher in more efficient email coding with the use of templates.

*Key achievement:* Received 'Employee of the Month' honor.

#### **Web Animator** • Target, Minneapolis, MN

07/2018 - 02/2019

- Created animated advertisements while working alongside a team of designers and developers.
- Introduced 3D animation into advertisements to increase their noticeability.

*Key achievement:* Facilitated faster workflow using Hype as main animation software.

#### **Lead Web Designer & Web Animator** • San Francisco, CA

10/2005 - 04/2018

Worked at Organic Inc, AKQA, among other agencies while working my way up to Lead Designer.

- Participated in conceptual brainstorming, designed out concepts, and animated ads based on concepts.
- Responsible for designing websites, creating style guides, working within brand guidelines.

### EDUCATION

Unity, World Building, VR App Dev, and VR App Publishing Certificates • Universe (online)

2022

Full Stack Web Development Certificate • University of Minnesota

2021

UX Certificate • Brainco (Minneapolis, MN)

2019

Bachelor of Fine Arts in Graphic Design • University of Minnesota Duluth

2005