

# Sai Vaishnavi Swaminathan

## Product Designer

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### Summary

I am a passionate Product Designer with 4+ years of experience in engineering with creative problem solving through digital products.

### Work Experience

#### Research Assistant & Teaching Assistant | UMD 2021 – Present

- Ideated, conceptualized, designed and implemented the redesign of the CECEI website. My responsibilities included heuristic analysis, wireframes, sitemaps, user flows, high-fidelity prototypes and visual design.

#### Freelance UI Designer and Developer 2019 – 2021

- Designed and developed the Plasmasetu website, which facilitated the registration of plasma donors and enabled COVID-19 patients to search for nearby donors directly. Followed the lean start up approach : MVP and rapid iterations.
- Designed, developed and shipped a web app for Parmar Neurocare, a medical institution that provides free treatment to the underprivileged.

#### Front-end Developer | Kaleyra 2019 – 2021

- Improved the user experience and user interface design of the responsive cloud product website using information architecture, wireframing, prototyping, and implemented using React TS technology.
- Consulted with the marketing team to review the company website and suggested UX improvements and design solutions through user research.

#### Full-stack Developer | Johnson Controls 2017 – 2019

- Patent Inventor of the innovative, user-centered android app design that configures multiple smart actuators achieved through effective visual design and interaction design.
- Led the energy valve product design and development in an agile environment through collaboration with stakeholders and engineers.

### Education

#### MS, Human-Computer Interaction 2021 – Present

University of Maryland ; 3.9 CGPA

#### BE, Computer Science Engineering 2013 – 2017

Anna University ; 8.8 CGPA

### Skills

**Research |** Surveys, User Interviews, Contextual Inquiries, Competitive Analysis, Usability Testing, Affinity Mapping, Information Architecture  
**Design |** Interaction Design, Design Thinking, Storyboarding, User Flows, Wireframing, Usability Testing, Prototyping, Figma, Adobe XD, Miro, Adobe Illustrator, Adobe Photoshop, User Interface Design, Visual Design

**Development |** HTML, CSS, JavaScript, Java, Swift, Typescript, Python, jQuery, React, Redux, GitHub, Bitbucket, Android Studio, Xcode, Python

### Achievements

**US Patent |** Systems and methods for configuring and controlling distributed climate control devices | Atty. Dkt. No.: 18-0766-US (112444-1033)

**Customer Satisfaction Award |** Flawless execution of Energy Valve project, Johnson Controls

**Pat on the back FY18 |** Excellent contribution in multiple projects in a stringent time frame, Johnson Controls

**Top coder of the week, HackerRank |** Winner of the Top Coders of the Week

### Certifications

**Google |** Foundations of User Experience Design

**NIIT |** Certified in Java Enterprise Apps

**Google |** Responsive Web Design in Adobe XD