Umaiyal Sridas

Design-oriented developer interested in enhancing web and mobile products to create seamless experiences

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Work Experience

Software Engineer at Viasat Inc. — June 2021 - Nov 2023

Developed front and backend components using Javascript/Typescript, React, and Redux for the residential My Viasat website and mobile application, while simultaneously filling the role of scrum master.

Key contributions:
- Developed and assisted in designing the My Viasat Profile page, which assisted with user experience
- Created Viasat Stream (Disney+) advertisement and refined the purchase flow, which increased our company revenue
- Wrote 22 pages of technical documentation of key features and pages on the My Viasat website
- Created an intuitive workflow board and documented our pre-production and production deployments to decrease the number of missed tickets, which resulted in an increased team velocity of 22.8 points over 9 sprints
- Acted as the bridge between design team and developers by leading design and technical discussions

Graphic Design Intern at the University of Illinois Urbana-Champaign — Sep 2019 - May 2020

Designed event graphics and established a social media presence for ECE ILLINOIS and designed project and research brochures to educate incoming students about possible pathways.

IT Software Engineering and Design Intern at Viasat Inc. — May 2019 - Aug 2019

Designed Viasat 404 error page to reduce unnecessary cost of long customer calls and engineering team infographics to prevent excess cost of testing and rebuilding far into the production process.

Small Cells System Engineering Intern at Nokia — June 2018 - Aug 2018

Developed a microservice that compartmentalizes the algorithm to assign cells physical cell IDs using four virtual machines on a cloud and created a new SharePoint website for Nokia document migration.

Skills

Art & Design

Figma, Illustrator, InDesign, Photoshop, XD, Drawing, Painting, Photography

Software

Javascript/Typescript, React, C/C++, Android Studio, HTML/CSS, Python, Github, Phrase

Education

Bachelor of Science in Computer Engineering, Minor in Art & Design
University of Illinois at Urbana-Champaign: 2016 - 2020

Achievements & Courses

Certified ScrumMaster from Scrum Alliance
Grace Hopper Conference 2021 Speaker for Viasat: The Intersection of Art and Technology
Learn UI Design Course (https://www.learnui.design/)