

# Akshaya

Junior Research Fellow / Front End Developer

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## Summary

Junior Research Fellow with 5+ years of experience as a Front end Developer in project work. Designed and developed 20+ experiential learning component of multiple disciplines which is in use nation wide. Experienced in front end programming technologies HTML, JavaScript, CSS etc. Aspiring for a responsible position in an organization to expand my knowledge and skills along-side make significant contribution to the company's growth.

## Experience

February 2017 **Junior Research Fellow / Front End Developer**, Center for System Design, NITK, Surathkal.

– Present Working as a Junior Research Fellow in Virtual Lab project

- Designed and developed 20+ experiential learning component using front end development technologies HTML, CSS, Javascript
- Flash-based learning component was transformed into a plugin-free web component that would function independently across all browsers.
- Redesigned a fixed-size web component to be responsive, which handles a variety of devices and device sizes and enables automated screen adaptation.
- Working with a multidisciplinary team to create an interactive, comprehensive learning web component that satisfies all requirements.

## Education

2012 – 2016 **B.E in Computer Science and Engineering, Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi, PERCENTAGE: 77.10%.**

## International Conference

Title **Experiential Learning of Strength of Materials and Fluid Mechanics using Virtual Labs, IEEE CONECCT 2020.**

Title **Experiential Learning of Physio-Chemical and Bacteriological Properties of Water using Virtual Labs, published in 2020 IEEE International Conference (DISCOVER).**

## Skills

HTML, Javascript, CSS, React, Bootstrap

## Participation and Certification

**Attended workshop on College Cloud Edition of Vlabs organized at IIIT Hyderabad.**

**Attended Vlabs National Bootcamp - PI's, held in Gujrat University, Gujarat.**

**Undergoing certification course on "Full Stack Web Development" by LetsUpgrade .**

## Languages

English, Hindi, Kannada, Tulu