

SADHIKA BILLA

DESIGNER & DEVELOPER

Portfolio: www.sadhikabilla.com

Contact



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<https://github.com/sadhikabilla>



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Programming Languages/ Frameworks

Ruby; Ruby on Rails; C;
Java; Javascript
HTML; CSS; SQL; R;
Bootstrap

Prototyping Tools

Sketch; Adobe Illustrator;
Photoshop; Fluid UI;
InVision

Links to app prototypes:

1. ANAKIN

App for dog walkers

<https://marvelapp.com/project/612540/>

2. FIND Mii

App for amateur photographers

<https://marvelapp.com/project/1084408/>

3. VAMP

IoT device that helps save vampire
energy

<https://marvelapp.com/project/1979154/>

Work Experience

Teaching Assistant - CS3240 (Interaction Design) Aug 2017 - Present

NATIONAL UNIVERSITY OF SINGAPORE (NUS)



- Conducted lectures on Design Thinking and Prototyping
- Conducted lab sessions on Sketch and Fluid UI
- Assisted in marking prototypes and project reports

Full Stack Developer & Design Intern



Aug 2016 - Jul 2017

SWEETIST INC / NEW YORK, USA

- Designed and built the back-end functionality for a referral program using Ruby on Rails
- Implemented the back-end functionality to support national delivery
- Worked with mailchimp API to send automated email notifications to users regarding abandoned carts, resulting in a sales increase of 34% in 3 months
- Other improvements include modularizing code, making API's more extensible and writing documentation to facilitate contribution by other developers
- Worked with external designers, to re-design and rebuild the home and catalog pages
- Reduced friction for customers, by compressing the checkout process to a single page by improving user flow
- Researching and analyzing industry UX/UI trends and competitor sites and strategies

Developer Intern 

May 2016 - Jul 2016

ACCENTURE / ACCENTURE DIGITAL SINGAPORE

Software Development and Graphic Design

- Involved in the creation of new digital assets in video analytics
- Worked heavily with OpenCV to develop facial recognition capabilities and integrated it with existing assets
- Designed the official logo for ACNAPI (Accenture Digital API)

Web Developer Intern 

May 2015 - Jul 2015

INTELLECT DESIGN ARENA LTD

- Worked on improving the interface of Canvas, a proprietary platform providing application building capabilities, built on Ext JS

Link to VAMP video:

VAMP (with hardware design)
<https://youtu.be/H1gzZLBFGDQ>

Testimonials

“Sadhika contributed heavily to a number of internal and consumer facing web applications....working closely with the marketing team to bring their ideas to fruition. ” - Ed Chang, CEO/Co-founder, Sweetist Inc.

“Sadhika not only managed to keep up with the steep learning curve but also brought an entirely new perspective to the team...Pretty much all rounded, Sadhika is also a self-starter..She has consistently exceeded expectations and impressed with both her technical abilities as well as artistic flair” - Chiew Tze Eng, APAC Enablement Lead Accenture, Singapore

Education

NATIONAL UNIVERSITY OF SINGAPORE

Aug 2014 - Dec 2018

BACHELOR OF COMPUTER SCIENCE (HONS)

(Focus area : Interactive Media)

WITH A MINOR IN TECHNOPRENEURSHIP

NUS OVERSEAS COLLEGE (NOC)

Aug 2016 - Jul 2017

- Participated in an year long overseas study and work program in New York
- One among the 25 selected from a large pool of candidates for the prestigious programme
- Took courses in technopreneurship (TR3201 - Entrepreneurship Practicum, TR32002N - New Venture Creation)

NEW YORK UNIVERISTY (NYU)

Sep 2016 - Dec 2016

- Semester exchange at NYU as part of the NOC programme
- Took a course in Innovation Management (NYU MG-UY 3404)

Awards

- Scholar under the IMDA - Infocomm Media Development Authority of Singapore
- Holder of IE (International Enterprise) Singapore's Young Talent (YTP) Scholarship
- Validation - Ideation - Prototyping (VIP) grant (seed grant of 10K SGD) from NUS Enterprise for the startup idea VAMP (the grant is offered to students who have a startup idea, after many vigorous pitching sessions to help them kickstart the process)
- Winner of 8th STePS (School Of Computing Team Project Showcase) for ANAKIN (An app for dog walkers)