



Anand Doshi Design Technologist

Portfolio: <http://apd.is>

WORK EXPERIENCE

Design Intern • IBM Research, Yorktown Heights, NY

May – August, 2017

Designed and developed an interactive website for a non-profit organization, as part of IBM's Science for Social Good Initiative.

Research • Worked as a volunteer at the non-profit, observed operations, and interviewed staff. Explored multiple design approaches.

Design • Prototyped the website experience through wire-frames and high-fidelity mockups using Sketch and InVision. Iterated on storyboards and content for the website based on the feedback from user testing.

Development • Used Python Flask, jQuery, Bootstrap, and the Operations Simulator API to develop the interactive web-application.

Full-stack Developer > CTO • Frappé Technologies, Mumbai, India

May 2011 – July 2016

Designed and developed Frappé: a web-application framework based on Python and JavaScript, and ERPNext: an open-source business application.

Leadership • Spearheaded pricing tiers, cloud infrastructure, and security. Mentored new employees in the technology stack.

Design • Made sweeping changes and iterative improvements to the User Interface of ERPNext over its first 7 versions. Enhanced user flows, content, interactivity, audio-visual feedback, transitions, and animations.

Development • Implemented meta-data driven layout with reactive UI components, transactional email system, analytics module, realtime notifications, permissions engine, and plugin architecture.

Cloud Infrastructure • Architected and developed Frappé Central: an automated system for deploying updates over distributed servers.

Systems Engineer • Infosys Ltd., Bangalore, India

October 2009 – January 2011

Upgraded a highly customized Customer Relations Management platform for a major enterprise. Integrated a new reporting and analytics system, and created new business intelligence dashboards.

Graduate Student Instructor • University of Michigan, Ann Arbor, MI

September 2016 – Present

Instructed undergraduate and graduate students during lab sections in programming courses for 4 semesters. Created course content and assignments, graded multiple projects involving code, information visualization and reports, and provided ad-hoc guidance to students.

EDUCATION

University of Michigan

Human-Computer Interaction

Master of Science in Information

Merit Scholarship

April 2018

Mumbai University

Electronics & Telecommunication

Bachelor of Engineering

Graduated with Distinction

June 2009

TOOLS / SKILLS

HTML / CSS, JavaScript, Python

VueJS, ReactJS, jQuery

Sensors & Electronic Prototyping

Sketch, XD, AfterEffects

Photoshop, Illustrator, InDesign

InVision, Principle

UX Research, Participatory Design

Storyboarding, Wireframing

Interaction Design, Visual Design

Responsive Web Design

PROJECTS

SketchPad: an app that helps you to learn and practice sketching.

Babble: a location-based social network that you can use to leave public messages at a location for others to find.

Musi: a foot-controlled recording device for musicians, to ease practice and collaboration.

Cocoon: a smart sleep mask that is comfortable, covers your ears, and gently wakes you up when it's time.