Kunal Dhodapkar

User Experience Designer

Aiming to design delightful products that solve real needs.

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📍 Bangalore

Work Experience

Lollypop UI/UX Design Studio   Apr 2018 - To present
UX Designer

- At present, part of a 5 member team to design a powerful cloud platform that helps businesses deploy customised workflow applications for their workers while retaining their existing systems of records such as Salesforce, SAP, ServiceNow or other database systems.
- Single handledly managed a critical segment of the platform and successfully delivered the designs and prototypes for responsive web, iPad and iPhone.
- Developed design system to maintain consistency between the designs of various sub-segments.
- Performed research to understand user needs. Utilised prior software development expertise to understand underlying systems of records architecture, and supported my team to understand the same.
- Expedited delivery timelines by ideating meaningful design features with ready-to-go market attributes that led to increased client's satisfaction.

More details available in the portfolio.

Siemens Healthcare Pvt. Ltd.   Jul 2016 - Feb 2018
Software Developer

- Worked with a team of 10 developers on medical (imaging) post processing applications for CT Scanner and Radio oncology linear accelerator.
- Implemented Behaviour Driven Development concept in automation test framework, which had a company-wide impact.
- Improved stability of automation tests by **95%**, reduced execution time by **20%**.
- Developed new features and maintained code for medical application(CT Pulmo) among the suite of 4 applications having **300+** customer hospitals globally.
- Supervised the work of a new joinee to manage weekly performance test run.

Education

B.Tech - Electronics and Communication   Jun 2012 - May 2016
VIT University, Vellore

Noteworthy Projects

1. Student coursework management app (VIT Slate)

- Lead a team of **2** developers to create a mobile application for college students to help them seamlessly download and manage their course material.
- Garnered massive user base within a matter of **2** weeks with close to **1500+** downloads and Google Play store rating of **4.6**.

2. Wireless transfer of electricity using magnetic resonance coupling

- Enhanced the wireless power transmission using magnetic resonance coupling between two copper coils. Developed software and hardware prototype.
- Increased the wireless charging distance by **5x** with a transfer efficiency **99.8%**.

Publications

1. Simple and Cost Effective Environment Monitoring System

- Published research paper in International Journal of Engineering Sciences and Research Technology (2014, ISSN: 2277-9655).
- Created an environment monitoring system, using arduino microprocessor; temperature and luminosity sensor.

Extra-Curricular

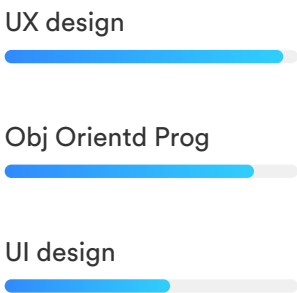**1. Head of Operations - Rotaract Club (NGO)**

- Organised a donation drive and managed to collect **1500 kgs** of rice for old-age homes.

2. Trained Tabla Player

- With 13 years of formal training, I have performed in many stage shows as a soloist, jugalbandhi with percussion instruments and as an accompanist.
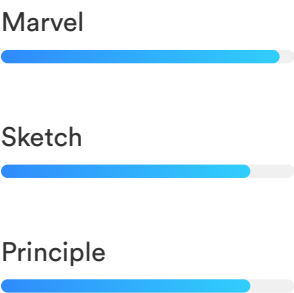
Patent

Filed a patent for a product which aims to enhance the mobile payment experience.
(Application no. 201741029376 - E-2/2479/2018/CHE)

Skills

UX design

Obj Orientd Prog

UI design

Tools

Marvel

Sketch

Principle

Programming

C#

C++

HTML/CSS