

SACHIN KUMARSWAMY

skumarsw@purdue.edu | (765)-775-3030

Linkedin: <https://in.linkedin.com/pub/sachin-k/25/706/416>

OBJECTIVE

To secure internship position related to User experience, Web design and Product Management and deliver value to the firm. Most importantly, bring smile upon clients, users and peers' face.

EDUCATION

MASTER'S IN COMPUTER GRAPHICS TECHNOLOGY

May 2017 (expected)

MAJOR: HCI & UCD

PURDUE UNIVERSITY, WEST LAFAYETTE, IN

GPA: 4/4

BACHELOR'S IN ELECTRICAL & ELECTRONICS ENGINEERING

June 2012

SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE, INDIA

GPA: 9.36/10

PORTFOLIO

<http://thinkuxdesigns.com>

WORK EXPERIENCE

DELOITTE | IT Application developer/UX-UI designer, Deloitte, Hyderabad, India

2012-2015

- Collaborated as primary developer for smart web application with architect, developers, testers, product and business teams across the world (UK, Netherlands, and Chicago – USA) to deliver truly global products
- Suggested the revamp of a dated (in terms of UI and UX) application, by developing **wireframes**, **low-fed prototype** and working prototypes which helped in getting business to Deloitte.
- Facilitated **Design Thinking session** for the project and conducted **usability study**, defined **personas** and drafted the requirements (**MVP** – Most Viable Products)
- Completed redesign of the application using **RESTful API**, **ASP.NET**, **HTML5**, **CSS3**, **JavaScript**, **JQuery** by using **Agile** methodologies
- Worked as a lead developer for **Microsoft Dynamics NAV** – ERP based project by collaborating with teams across the world (Belgium, Netherlands, Canada and Chicago - USA) and developed modules using **C/SIDE** and **C/AL** language

TEACHING ASSISTANT | Mathematics department, Purdue University

2015

- Leadership in delivering **recitations** and **solve problems** for two undergraduate mathematics classes

RESEARCH ASSISTANT | Computer Graphics Technology, Purdue University

2016

- **User Experience Design RA** for Smart Data app with NSF grant. Responsibilities include User research and design.

PROJECTS & HACKATHONS

FITNESS BOWL | UX/Web Developer – freelancer, Hyderabad, India

2015

- Conducted **Usability study**, **User research**, **personas** and **scenarios** for company website
- Designed **wireframes**, **paper prototypes**, **Low-fidelity** and **Hi-fidelity mock-ups** for a fitness food delivery company
- Designed the dynamic layouts and developed the application from scratch using **ASP.NET MVC**, **HTML5** and **CSS3** and hosted the application in **Azure cloud platform**

INTERACTION DESIGNER | Computer Graphics Technology, Purdue University

2015

- **Interaction design**, **usability study** and **storyboard design** for VR based educational gaming system for **America's Best Communities** Contest

FORMATIVE RESEARCH | Purdue University

2015

- Conducted **user research** for a college app which helps on-time completion of degree. Based on the research data, **personas** and **scenarios** were created and **wireframes** and **mock-ups** were created.

HEURISTIC EVALUATION REPORT | Purdue University

2015

- Complete **Heuristic** and **usability evaluation** of **eBay** website for academic purposes

ELEVATOR SIMULATION - HACKATHON | National Instruments – SJCE, Mysore

2011

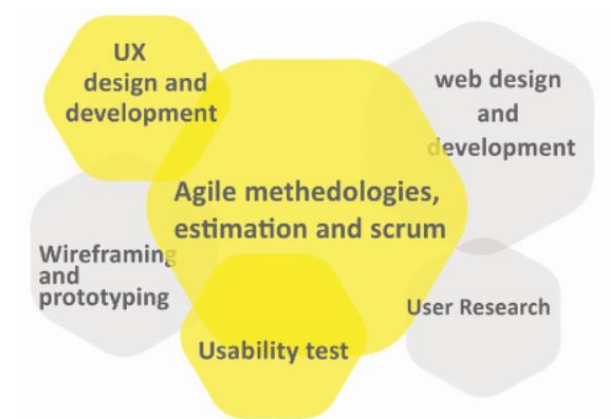
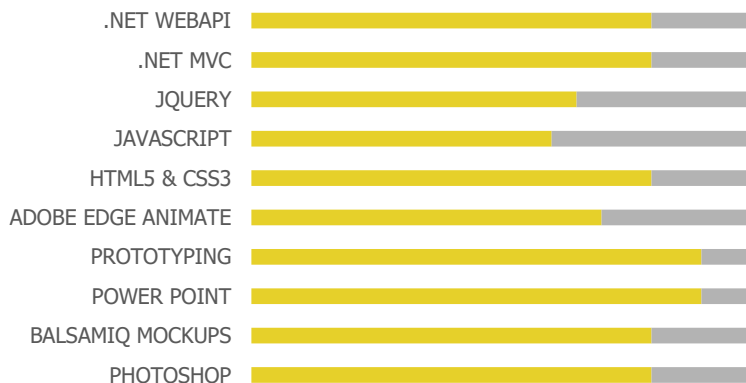
- Used **LabVIEW GUI programming** to create a working model of an elevator, by **interfacing** with **Data Acquisition device**

AUTOMATED BREAKDOWN VOLTAGE MEASUREMENT | NI sponsored project, Mysore

2012

- Complete automation of dielectric breakdown experiment setup using **LabVIEW** program and **development of interface** for breakdown voltage measurement
- Praising the **innovative** nature of the project, **National Instruments** company sponsored the **DAQ** and software required for the project

TECHNOLOGY, METHODS AND SKILLS



LEADERSHIP EXPERIENCE

DELOITTE COMMUNITY INVOLVEMENT INITIATIVE | Hyderabad

2014-2015

- Managed multiple visits to schools to nurture innovation, by teaching various topics
- Organized and managed school trip to planetarium and Museums

DESIGNING GREAT EXPERIENCES TEACHING SESSION (DGE) | Deloitte, Hyderabad

2015

- Nominated as **champion** and **SPOC** for **DGE**, active member of DGE community
- Organized session plans and **provided** various **DGE training sessions** to about **150** employees

PHYSICS GROUP – FUSIS –IEEE | SJCE, Mysore

2011-2012

- Created and provided various sessions at college on physics under umbrella of **IEEE**

AWARDS AND ACHIEVEMENTS

- Founding Member of **Design For America** at Purdue University 2016
- **UX and Responsive design challenge – hackathon winners** 2015
- Winner of National level **IBM programming contest** 2011
- Winner of **LabVIEW programming contest** 2011
- Stanford online certification in **Artificial Intelligence** 2012
- Winner of **National level case study presentation – Multi-tenancy in cloud computing** – organised by **Computer Society of India** 2011
- Published author of Novel, **Chaos – by the unbreakable curse** 2013
- Received top performance rating and outstanding award for best performance at Deloitte 2014

SUBJECTS TAKEN IN MASTERS

- Human Factors in Computer Interface Design ● Development of Graphics in Technology ● Business Statistics
- Cognitive issues in HCDD ● Human Computer Interaction ● Qualitative Research Methods