# SACHIN KUMARSWAMY

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## OBJECTIVE

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

## EDUCATION

**Purdue University,** West Lafayette, IN                                                                              May 2017 (expected)
Master of Science, Computer Graphics Technology
Major: User experience, HCI and Web design and development
Purdue Polytechnic (College of Technology)

**Sri Jayachamarajendra College of Engineering,** Mysore, INDIA                                          June 2012
Bachelor of Engineering, Electrical & Electronics
CGPA: **9.36/10**

## WORK EXPERIENCE

**IT Application developer/UX-UI designer, Deloitte, Hyderabad, India**                                **2012-2015**

- ➢ **VAT Review Smart**
  - Collaborated as primary developer for smart web application with architect, developers, testers, product and business teams across the world (UK, Netherlands, and Chicago – USA)
  - Suggested the revamp of the dated (in terms of UI and UX) application, by developing wireframes, hi-fed prototype and working prototypes
  - Coordinated with product teams, business teams and clients to come to an agreement to revamp the application, using **agile methodologies**
  - Attended 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, AngularJS and using Agile methodologies**
  - Received **outstanding award** for excellent client delivery

- ➢ **Microsoft Dynamics NAV – ERP:**
  - Worked as a lead developer in the project, collaborating with teams across the world (Belgium, Netherlands, Canada and Chicago - USA)
  - Performed various module development, issue fixes and addressed many high priority defects in timely manner
  - Suggested, designed and developed module to improve performance, maintain application versioning and easy accessibility
  - Received various appreciation from clients, received spot award

**UX/Web Developer – freelancer, Hyderabad, India**                                                                **2015**

- ➢ **Fitness Bowl (http://www.fitness-bowl.com/)**
  - Conducted usability study, User research, persons, wireframes, 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

**Teaching Assistant – Mathematics department, Purdue University**                                        **2015**

- ➢ Leadership in delivering recitations for two undergraduate mathematics classes
- ➢ Lead communication between lecturer and students, provide help room assistance

**Interaction Designer – Computer Graphics Technology, Purdue University**                        **2015**
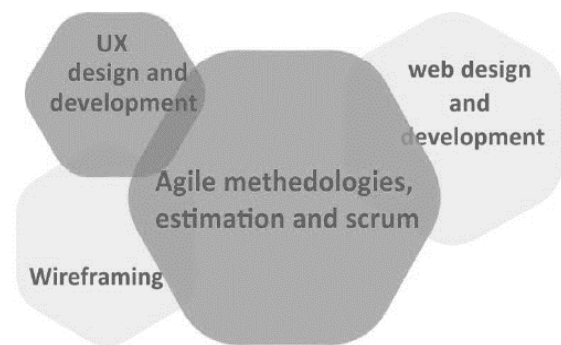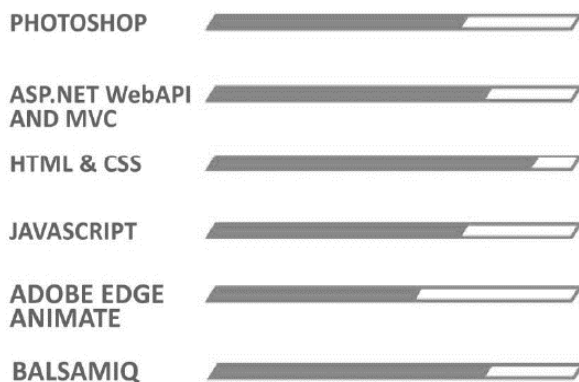
- ➢ User experience design, usability study and storyboard design for VR based educational gaming system for America's Best Communities Contest.

## UNDERGRADUATE AND EXTERNAL PROJECTS

- ➢ **Elevator Simulation – National Instruments – SJCE, Mysore**                                        **2011**

- Used LabVIEW GUI programming and integrated to design lift simulation system
- This was converted into a working model, by interfacing with Data Acquisition device and were declared as winners

➢ **Cloud Computing-Multi-tenancy – IBM – SJCE, Mysore**                                    **2011**
- Presented case study on multi-tenancy, based on real world problem scenario, which was deemed innovative by IBM
- Declared as winner for most practical and implementable idea

➢ **Automated Breakdown Voltage Measurement Device -  Academic, Mysore**              **2012**
- We designed a setup using LabVIEW program and the interface for breakdown voltage measurement.
- The project provided innovative view to classical high voltage experiments and testing in highly accurate, efficient and automated manner.
- Praising the innovative nature of the project, National Instruments company sponsored the DAQ and software required for the project

## TECHNOLOGY, METHODS AND SKILLS



PHOTOSHOP

ASP.NET WebAPI AND MVC

HTML & CSS

JAVASCRIPT

ADOBE EDGE ANIMATE

BALSAMIQ

UX design and development

web design and development

Agile methedologies, estimation and scrum

Wireframing

## 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 Experience (DGE) Training sessions, 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

- Winner of State level IBM programming contest                                            2011
- Stanford online certification in Artificial Intelligence                                 2012
- UX and Responsive design challenge – hackathon winners                                   2015
- Published author of Novel, Chaos – by the unbreakable curse                              2013
- Received top performance rating at Deloitte                                              2014
- Outstanding award at Deloitte, for outstanding performance                              2014

## SUBJECTS TAKEN IN MASTERS

- Human Factors of Computer Interface Design
- Development of Graphics in technology
- Business Statistics