Shomona Mukherjee

Digital Enthusiast

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Work Experience	36 Months

Deloitte Consulting – Deloitte Digital, Business Technology Analyst | Consultant   *August 2015 to August 2018*

Contributed in cross-functional agile teams as a digital producer on multiple digital transformation projects for Fortune 500 clients.

Projects:

- **Web Portal for Veterinary Services and Products:** Collaborated with user experience designers to iterate on design and implementation of the portal. Conducted demos to drive discussions with business stakeholders about usability and HCI interactions of developed system to increase the sales of services and products.
- **Advertisement Portal:** Led requirement gathering team to successfully communicate user empathy through rich dynamic client-side interfaces. Prioritised backlog through constant A/B testing to improve advertisement hit rate.
- **Product Milestones and Portfolio Management System:** Managed bi-weekly sprints as a product owner in an agile environment. Conceptualized and implemented a customized milestone Gantt chart by building an abstraction layer over jQuery. Gantt to help roadmap products easily for release.
- **Online Portal for Investigator Initiated Research:** Designed front-end architecture with SailsJS along with Material Design. Integrated backend APIs for salesforce to assemble an online portal for external healthcare professionals to apply for support of Investigator Initiated Research in a seamless manner.
- **Third Party Test Data Validation System:** Programmed the user interface using Bootstrap and jQuery.Fancytree to validate test data being entered by third party researchers. This promoted not only easy data entry but also reduced critical test data errors from being perpetuated across the system.
- **Contextually aware Healthcare System:** Authored the script and composed an explainer video for a contextually aware healthcare system to facilitate repeat client business.
- **Third Party Service Request System:** Constructed dynamic web pages using Material Design to create an intuitive service request system for a global healthcare firm.
- **Application for integrity rules across locales:** Created a mobile first application using Framework7 to help ready access of integrity rules for the employees of a life sciences company.
- **Gong Application:** Developed an internal Web RTC application with JSHG to recognize hand gestures while video conferencing across Deloitte Digital Studios to promote a culture of fun through work.

Academic Qualifications	

Carnegie Mellon University, Master of Information Systems Management   *December 2019*

Currently on track for the E-commerce and Digital Marketing concentration. Relevant Coursework : Measuring Social, Marketing Digital Media, Design Thinking, Economic Analysis, Statistics for Managers.

Projects:

- **NutriByte :** Devised a java based desktop application that helps users track their nutrition. It utilizes data provided by the US government (https://www.usda.gov/) to help consumers track and log nutrition according to the products they consume.

PESIT, B.E. in Computer Science   *April 2015*

Completed Bachelors in Computer Science with a CGPA of 3.68/4.0 . Relevant Coursework: Web Technology, Object Oriented Programming with Java, Data Structures, Database Management Systems.

Projects:

- **Framework to predict the probability of learning disability in children :** Engineered a two part software based solution which comprised of a motor skill assessment and an adaptive test. This helped predict the probability of a specific learning disability impacting the child apart from the overall probability of any learning disability.
- **Inventory Management System for a local furniture business :** Spearheaded user interface design and development using bootstrap for an inventory management web application in an agile framework.

Skills	

- Agile Project Management, Digital Strategy and Delivery, Stakeholder Management, Requirements Elicitation.
- HTML, CSS, JavaScript, jQuery, SASS, LESS, Handlebars, Bootstrap, Material Design, Framework7, SailsJS, Java, SQL.

Extra-Curricular Activities	2 Months

Sujaya Foundation (Non-Profit), Volunteer   *June 2012 to July 2012*

- Ideated and experimented with technical solutions to bridge the educational gap between students of government and private schools.
- Tutored in Sujaya Foundation affiliated government schools to promote computer literacy.

Awards and Recognition	

- Received Outstanding Project Performance Award (2016) for notable work on a digital project at Deloitte with a global life sciences and healthcare company.
- Published an essay on media psychology with Council for Indian School Certificate Examination.