

Ashok Kumar Rathod

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Eligible to work in Ireland

EDUCATION

Master of Science in Interaction and Experience Design IXUX (MSc) 2020-2021

Human Computer Interaction

University of Limerick, Limerick, Ireland

Modules: Foundations of Interactive Media Design, Principles of Interactive Media Design, Applied Interaction Design, Information Society and Human Computer Interaction (HCI), Interactive Media Workshop, Physical Computing, Mobile application and Design

Bachelor of Technology (Computer Science) 2014-2018

St. Martin's Engineering College, JNTU-H, Hyderabad, India

Percentage: **74%**

Modules: Computer Programming, Mathematical Foundations of Computer Science, Java Programming, Cloud Computing, Data Structures, DBMS, Software Engineering, Operating Systems, Information Security, Computer Networks, Design of Algorithms, Web Technologies.

SKILLS : Adobe XD, Figma, Photoshop, Illustrator, Audacity, Adobe Premier rush, Android Studio, HTML, CSS and JavaScript, Wireframing, Prototyping, Web Design, Service Design, Visual Design, User centric Design Process, Design Research, Personas, Ethnographic Research, Empathy Mapping, Heuristic Evaluation, DBMS, Python, Angular 6 using typescript, C/C++, Java, Progress 4GL.

CAREER EXPERIENCE

Systems Engineer, Infosys BPM, India. Aug 2019 – Sep 2020

- Developed modules for large scale enterprise application using Open Edge Progress 4GL, C#, .NET, SQL server.
- Lead the end-to-end development of application- Prototyping, Wire framing and developing Policy Administration Application Screens using Progress technology.
- Managed Policy Conversions and developed tools that generate Correspondences for Pan American Life Insurance Group.
- Lead all Offshore operations and dealt with 'SQL and Progress 4GL' transcript conversions for VOYA and been a POC for all transcript conversions.
- Acted as a Critical Resource for Project solving incidents and trained and helped the team fixing issues for OceanView.
- Worked closely with Product owners, and Development teams to ensure business requirements were met and the final product met all specifications

Systems Engineer, Infosys Ltd., India Aug 2018 – Aug 2019

- Spearheaded requirement-gathering conversations with leading insurance clients and smoothly mapped those through SDLC process using Agile methodology.
- Led the user interface development of web applications for insurance sector clients and provided adept back-end support.
- Responsible for application development and catering to all stages of the software development life cycle and maintenance processes.
- Developed modules for large scale enterprise applications using ADO.NET, Entity Framework, Angular6 using Typescript, Python, C#/C++, MySQL, DBMS.
- Managed the creation of user interfaces for applications using front-end technologies.
- Responsible for the development of SQL and UI scripts.
- Created and executed SQL queries, stored procedures, maintained existing data tables and performed integrity checks.
- Coordinated activities of cross-functional teams and served as a single point of contact among key stakeholders.

PROJECTS

Gaming Application 'Sweep City' - Government of Sri Lanka Initiative

- Conducted ethnographic research and developed a gaming mobile application to sensitize school children on waste management, as part of a national campaign supported by the Government in Sri Lanka that will be delivered in partnership with primary schools targeted at young students

Beauty Kiosk

- Developed a skin type self-assessment service station using a user-centered design approach whereby customers have an opportunity to identify their skin type, and also get recommendations on products that would support their skincare endeavors

Android Application called 'Lets Feed'

- Developed a mobile application that provides users an opportunity to donate leftover food to charity homes and also includes a social sharing purpose to mobilize waste

Surveillance Technology and Crime Detection

- Developed a system to monitor surveillance at homes, offices and detect theft as soon as it takes place. System uses Raspberry Pi with a camera-based circuit
- Developed a python-based application that easily helps users to find if there is any malware present in the file or not

Social Digital Communication and Loneliness

- Aimed to explore the area of digital communication and loneliness. Through the use of Arduino, Processing and MQTT it was possible to build a system that took inputs, sent messages to another remote system and used messages received to produce outputs.

ACTIVITIES & ACHIEVEMENTS

- Performance Award- '*Memento of Appreciation*' from the CEO and Vice President of Infosys McCamish Systems
- Awarded a '*Letter of Appreciation*' and an '*Organizer certificate*' from the Director and Chairperson of the college for organizing events in and across universities.
- Awarded '*Certificate Of Excellence*' from the president and Director of Computer Science Department.
- Published a Journal article in *International Journal of Electronics, Electrical and Computational System (IJECS)*.
- Participated at political debating competitions at Model United Nations conferences.
- Vice President at Technological Association of Computer Science, St. Martins Engineering College.
- Organized University level competitions and events for the Technology Awareness Month.