**TECH PROJECTS - SAMPLES.**

Unit: Infosys Labs

Project Title: Privacy Issues in Online Social Networks

Description: Online Social Networks (OSN) (e.g. Facebook, MySpace, Google+) allow their users to create profiles based on their personal information and interests and establish social relationships with other users with similar interests. OSN are have become immensely popular and the users of OSNs include people cutting across geographic locations and age groups. However, there are concerns about the privacy of the personal information that is published on the OSN websites and stored on servers. This project aims to analyse the privacy features in the existing OSNs and suggest improvements or alternate frameworks for OSNs if required. Specifically, we will analyse if the current OSNs allow one-to-one and/or group communication between the members of the OSN in an off-the-record manner much like the real world conversation without the compromising the privacy of the communication. Cryptographic techniques like privacy-preserving group communication protocols will be applied if needed.

Location: Hyderabad, India

Unit: Infosys Labs

Project Title: Evaluation Framework for Reverse Innovation

Description: Creating a framework to evaluate an organization's readiness for Reverse Innovation.

Location: Pune, India

Unit: Infosys Labs

Project Title: Valuation and Pricing models for Virtual Money System

Description: Developing a model to assess the value of online activities / outcomes for a given process or activity, which in turn should lead us to set a price for the activity / outcome. We could also look a market based pricing model for valuing / pricing such online activity and outcomes. Key aspects to look at will include money supply, inflation, limiting any variation in valuation of similar activities and outcomes. What are the governance process necessary to administer such a virtual money system for enterprises. And to identify any loop holes / risks of gamming such a system.

Location: Bangalore, India

Unit: Green initiatives

Project title: Urban Futures- Campus as a Catalyst

Description: Large IT Campuses tend to have impacts beyond their boundaries, and beyond their own establishment timelines. As foci of employment, the campuses tend to be associated with urbanization effects such as constant mass movement of people, infrastructure demands, urban sprawl, natural habitat fragmentation, air quality degradation and groundwater depletion. These are common and at times intangible Futures that the IT campus of the future can potentially re-invent and make sustainable goals go beyond Campus boundaries.

Location: Bangalore, India

Unit: Infosys Labs

Project Title: Application of Internet of Things Platform to different verticals

Description: IoT is worldwide network formed by connecting everyday objects like appliances, vehicles etc... Things will communicate to computers and each other, providing services for the benefits of human kind. We have projects to measure and improve; automation of tasks; analysis and innovation on the gaps identified. The technology areas which we work are wireless sensor networks, connected digital objects, RFID, Machine to Machine (M2M) and energy management. We wish to explore the application of IoT to different verticals and as such we are looking for people with prior experience of working in retail, manufacturing, logistics, telecom/networks, etc..

Location: Bangalore, India

Unit: Infosys Labs

Project Title: Enabling innovative applications on Information Centric Networks (ICN)

Description: Information Centric Networking (ICN) is an emerging paradigm in the design of future internet. It has got significant support in the recent past and leading academic and research labs are actively driving research in this space. As part of this project, the intern will explore, identify and implement innovative applications that can benefit significantly from the ICN paradigm. Key deliverables include the following: An exploratory report on the class of applications that can benefit most from an information centric approach. Implementation of a short-listed application along with necessary enhancements to core ICN capabilities to make it possible. A report on the implementation experience.

Location: Bangalore