Prayag Ichangimath

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Experience

Dec 2018 – Present
Sr. Project Manager and Tech Lead, *Barefoot College International*, Toronto ON.
- Overseeing and driving rural electrification, agri-livelihood activities and social enterprise development initiatives in diverse regions including Africa, Latin America, and India
- development initiatives in diverse regions including Africa, Latin America, and India Leading the development of fintech applications aimed at empowering rural communities with energy and financial independence
- . Implementing programmatic innovations to drive positive change and create sustainable impact in communities

Mar 2022 – Present
Research Assistant, *OCAD University*, Toronto ON.
- Collaborated with OCAD University's Social Body Lab and Tapestry Opera to develop wearable electronics for an opera performance, integrating technology with artistic expression
- Led workshop curriculum design and delivery on electronics as part of the Bodies in Play research-creation partnership between OCAD University's Game:Play Lab and Social Body Lab, in collaboration with DMG
- Designed and implemented a community-generated research portal for OCAD University's Global Centre for Climate Action, facilitating collaboration among researchers
- Led the development of a data access tool, streamlining the process for researchers to access data collected from sensors related to climate monitoring and analysis
- Adhered to project timelines, budget constraints, and safety regulations while ensuring the successful completion of all research project
- Documented the development process, including technical specifications, design choices, and troubleshooting solutions, for future reference and knowledge sharing

Sept 2017 – Nov 2018
Project Manager, *Barefoot College International*, Ajmer, Rajasthan IN.
- Driving the expansion of a STEM (Science, Technology, Engineering, and Mathematics) education program in a community-owned rural school network, leveraging local ownership to promote access, engagement, and empowerment in underserved communities
- Leading the pilot implementation of technology-based literacy and numeracy development projects in diverse regions across India, harnessing innovative solutions to promote educational access and learning outcomes for marginalized populations

Aug 2016 – Aug 2016
Youth for India Fellow, *SBI Foundation*, Ajmer, Rajasthan IN.
- Designed and implemented a STEM (Science, Technology, Engineering, and Mathematics) education program that fosters scientific temper and curiosity among marginalized children in rural areas of India, empowering them with skills and knowledge for a brighter future

Apr 2015 – Jul 2016	**Founder**, *W3 innovations*, Bangalore, Karnataka IN.
	○ Developed an innovative smart locking product, branded as "Lock.it Smart," incorporating advanced technology and features for enhanced security and convenience
	○ Delivered comprehensive factory automation services to optimize production efficiency, reduce costs, and improve overall operational performance
Jul 2014 – May 2015	**Robotics Programme Developer and Trainer**, *Proflex Inc.*, Bangalore, Karnataka IN.
	○ Developed an innovative educational module-based learning tool on Robotics, empowering learners with hands-on experience and practical skills

Education

Sept 2021 | Jun 2023	**Master of Design in Digital Futures**, *Ontario College of Art & Design (OCAD) University*, GPA: 86.5, *Toronto ON*.
Jul 2011 | Jun 2015	**Bachelor of Engineering in Mechatronics Engineering**, *Visvesvaraiya Technological University*, GPA: 80, *Bangalore, Karnataka IN*.

Skills

Project Management	Project planning, Project execution, Budgeting and financials, Monitoring and Evaluation, Stakeholder management, Documentation and reporting

Projects

OurOS, *Design Justice Principles, Co-design, Gameplay for development, Processing.org.*.

OurOS is a hybrid physical and digital tabletop game, empowering rural community members to actively co-design sustainable community interventions. Guided by design justice principles, OurOS promotes inclusive participation and community ownership, ensuring that all stakeholders have a voice in the decision-making process. Through collaborative discussions facilitated by the game, OurOS encourages the development of innovative solutions for sustaining community support and fostering healthy social and political systems in rural communities. By engaging all community members in the design process, OurOS enables developmental organizations to create interventions that have a lasting impact and promote sustainable community development.
https://www.youtube.com/watch?v=JgWfhq9fhEc

Awards

3M-CII Young Innovators Challenge Awards, *Jul 2018*.

Recognized for innovative contributions in creating portable science labs to empower rural communities with hands-on science education
3M

The Big Hack - Digital Edition, *Apr 2021*.

Recognized for developing an easy-to-use application aimed at cancer patients – with particular reference to women with metastatic breast cancer – to ensure them continuous support especially on psychological, rehabilitative and pain therapy aspects
Maker Faire Rome