

Dr. Harish Chandra Dega

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EDUCATION

University of North Carolina- Chapel Hill

Master of Professional Science in Biomedical Health Informatics (MPS BMHI)

Kathmandu University (KU)

Bachelor of Medicine and Bachelor of Surgery (MBBS)

HEC Paris

Summer School Entrepreneurship: The start-up studio

WORK EXPERIENCE

Behavioral Health and wellness group

Clinical Informatics Consultant/ Business Analyst

● Collaborated with clinical staff and IT teams to successfully integrate and utilize Smartphone (M-health) healthcare technology systems, resulting in a 30% improvement in workflow efficiency, and developed market research strategies to identify digital application user demographics, resulting in a 36% increase in app downloads ● Conducted rounds in 3 three major hospital systems in New York and gained insight into informatics service within patient care, clinical processes, and workflow, leading to a 20% improvement in patient engagement.

Kathmandu University (KU)

Attending Physician/ Medical Doctor

● Diagnosed 1800+ patients annually via 10,000+ diagnostic assays, referrals & prescriptions with 95% accuracy & timeliness. Organized 120+ medical personnel to support hospital admissions & discharges and achieve consistent patient safety standards at 19 clinical departments.

RESEARCH ASSISTANT – CO-CHAIR SURGERY DEPARTMENT.

● Dedicated 20+ hours weekly over two semesters, **enhancing research and teaching capacities** by assisting 100+ undergraduates both virtually and in-person, **orchestrating tailored library sessions & Surgical Rotations** for first-year classes, and executing special projects, all while maintaining superior customer service and collaborating seamlessly within team or autonomously post-training.

TELEPAL- Co-founder, CEO

● Established a **Telemedicine Accessory & Patient Engagement Technology Co.** to provide premium remote home consultation services, decreasing the cost gap by 35%. Identified & integrated **patient general-examination accessory technologies** that enable smartphone-based telemedicine consultations, resulting in an overall patient satisfaction increase of 45%. ● Led the development of **machine learning and AI technology for Proactive diagnostics integration**, enabling predictive healthcare solutions.

PROJECT EXPERIENCE

University of North Carolina- Chapel Hill

Venture Catalyst fellow – UNC, INNOVATE CAROLINA

● Selected for the UNC Venture Catalyst Program, an elite 10-week initiative training only 0.5% of applicants; mastering venture creation processes, developing scalable strategies, and honed pitching skills, securing connections with 25+ industry mentors and leading startups in the UNC innovation ecosystem.

Project Manager - SOD STREAMLINER (Healthcare Systems Analysis & Design)

● Analyzed, developed, and executed a comprehensive project plan to design and implement a centralized hiring and onboarding information system for the UNC School of Dentistry (400 faculty) HR department, resulting in a 47% reduction in processing times. Leading cross-functional teams of IT professionals and subject matter experts to build the new system from scratch using agile development methodologies, to deliver it on time and under budget.

Project Manager- POLIO IMMUNIZATION IN NIGERIA, AFRICA & USA, (Quality Improvement & Data Visualization)

● Spearheaded a cross-functional team of business analysts, public health professionals, biochemists, and pharmacists to analyze **cVDPV2** incidence, **Tableau & using lean six sigma** methodology resulting in a 45% reduction in the number of cases.

Data Analyst - DATABASE MANAGEMENT SYSTEM TO ASSESS KIDNEY DISEASE at UNC

● Conducted thorough data cleaning of patient medical record numbers, encounter numbers, and demographic data. Utilized Adv **Python, MySQL** to mine and analyze the dataset for trends in the risk of kidney infection with respect to creatinine levels. Presentation sped up a high-risk assessment by 30%.

LEADERSHIP EXPERIENCE

Well Box- HEC Paris

Co-Founder

Achieved admission to competitive **HEC Paris SUMMER SCHOOL**, Entrepreneurship Course, alongside 15 select entrepreneurs to gain essential knowledge in problem-solving techniques and market research. Raised capital investments to launch WELL BOX, a subscription-based service providing mentoring & emotional intelligence assessments to 500+ UK children and students. Crafted & presented an innovative business plan to a jury of **Venture Capitalists & Healthcare entrepreneurs**, securing the green light to develop a program that currently serves 2000+ individuals.

CERTIFICATIONS & ACHIEVEMENTS

● Got shortlisted for round two of the **MIT-Harvard Medical School Healthcare Innovation Boot Camp**, a program in entrepreneurial creativity, problem-solving, healthcare innovation, and leadership. ● Station F- HEC Paris- Eligible resident founder

SKILLS

Business Operations, Product/Project Lifecycle Management, Coding & Computer Systems, SQL, Tableau, SAS, Python Database, Excel, Health IT Systems Integration, Clinical Workflow Optimization, Process Improvement, Team Collaboration, Project Management, Healthcare Data Analytics, Quality Reporting, Training and Education, Communication Skills, Problem Solving, Critical Thinking, Multitasking, Adaptability, Attention to Detail, Patient-Centered Care, Electronic Health Records