

DR. HARSHIMA U KRISHNA

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PROFESSIONAL SUMMARY

Dental professional with experience spanning clinical dentistry, digital dental workflows, medical writing, research, and corporate healthcare. Currently working as a Product Specialist / Digital Dental Designer with expertise in CAD/CAM workflows, digital prosthetic design, CEREC, intraoral scanning, and CBCT imaging.

Experienced in evidence-based medical communication, scientific peer review, clinical research, and multidisciplinary collaboration. Skilled at translating clinical knowledge into technology-enabled workflows and practical healthcare solutions, with interests in Medical Affairs, Clinical Research, Digital Health, Product Specialist, Medical Writing, and Healthcare Consulting roles.

CORE COMPETENCIES

Digital Dentistry & Dental Technology: CAD/CAM | Digital Prosthetic Design | CEREC | Intraoral Scanning | CBCT Imaging

Medical & Scientific Communication: Medical Writing | Scientific Peer Review | Literature Analysis | Patient Education

Clinical Dentistry: Restorative Dentistry | Aligners | Treatment Planning | Preventive Dentistry | Digital Diagnostics

Research: Study Design | Data Collection | Data Interpretation | Manuscript Preparation | Evidence-Based Practice

Corporate Skills: Cross-Functional Collaboration | Global Team Coordination | Workflow Optimization | Process Standardization | Problem-Solving

PROFESSIONAL EXPERIENCE

Product Specialist / Digital Dental Designer

Tata Consultancy Services (TCS), Noida | Feb 2026 – Present

- Design and optimize dental prosthetics using CAD/CAM systems within a corporate delivery environment.

- Manage high-volume digital denture design workflows with a focus on precision, quality, and turnaround efficiency.
- Collaborate with cross-functional and global teams to maintain consistent quality standards.
- Contribute to workflow optimization and standardization of digital dental processes.

Dental Surgeon

Manipal Hospital, Bengaluru | Apr 2025 – Jan 2026

- Delivered comprehensive clinical and digital dental care, including restorative procedures and treatment planning.
- Utilized CBCT imaging and digital technologies to support diagnosis and clinical decision-making.
- Collaborated with multidisciplinary healthcare teams to provide integrated patient care.
- Educated patients on aligner therapy, oral hygiene, preventive dentistry, and treatment options.

Resident Dentist

JK's Dental Clinic, Kerala | Jun 2023 – Apr 2025

- Managed restorative, pediatric, aligner, and general dentistry cases.
- Performed intraoral scanning and utilized digital radiography and CBCT for diagnosis and treatment planning.
- Integrated CAD/CAM technology into clinical workflows to improve digital treatment processes.
- Strengthened patient communication and treatment acceptance through clear clinical education.

General Dentist

V Care Dental Home, Kerala | Mar 2023 – Jun 2023

- Delivered comprehensive dental care, including root canal treatments and preventive dentistry.
- Diagnosed oral conditions and developed appropriate treatment plans.

Clinical Observer

Excellence Dental Clinic, Mangalore | Jan 2022 – Apr 2022

- Gained multidisciplinary exposure across dental specialties.
- Developed skills in clinical observation, case documentation, and interdisciplinary treatment understanding.

MEDICAL WRITING & RESEARCH

Peer Reviewer — Dental Sciences Journal

Remote | 2024 – Present

- Review scientific manuscripts for methodology, scientific accuracy, and clinical relevance.

Freelance Medical Writer

Remote | 2024 – Present

- Develop evidence-based medical and dental content for digital platforms.
- Create SEO-optimized educational and clinical materials while translating technical information into accessible content.

Clinical Research Experience

- Conducted research involving oral epithelial cells and dental education.
- Experienced in study design, data collection, analysis, and manuscript preparation.
- Contributed to peer-reviewed and indexed scientific publications.

EDUCATION

Bachelor of Dental Surgery (BDS)

Manipal College of Dental Sciences, Mangalore

CERTIFICATIONS

- Basic Life Support (BLS)
- CBCT & Digital Imaging Training — MCODES
- Implantology & Post-Core Training — MCODES
- Understanding Medical Research — Yale (Online)
- Photography for Medical Professionals — Michigan State University

TECHNICAL SKILLS

CAD/CAM Systems | CEREC | Intraoral Scanners | CBCT Imaging | MS Office Suite | Scientific Writing | Data Interpretation

KEY ACHIEVEMENTS

- Successfully transitioned from clinical dentistry into a corporate healthcare and digital dentistry role.
- Developed multidisciplinary experience across clinical practice, digital dental workflows, research, and medical communication.
- Interdisciplinary collaboration with dental and medical specialties to provide overall care.
- Contributed to scientific publications and peer-reviewed research.
- Improved clinical and digital workflows through adoption of dental technology.

LANGUAGES

English (Fluent) | Hindi (Fluent) | Malayalam (Native) | Tamil (Conversational) | Kannada (Conversational)

AREAS OF INTEREST

Medical Affairs | CAD designing and interpretation | Digital workflow QC | Surgical Guide designs | Clinical Research | Digital Health | Healthcare Consulting