

JERALD BENNY

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PROFILE SUMMARY

Digital Forensics and Cybersecurity professional with expertise in mobile and computer forensics, malware analysis, multimedia authentication, and biometric analysis. Strong academic background in forensic science with hands-on experience in cybercrime investigations and teaching support.

EDUCATION

- **M.Sc. Forensic Science** (2023–2025) – Cochin University of Science and Technology, Kerala (CGPA: 8.41)
Specialization: Fingerprint & Questioned Documents
- **B.Sc. Forensic Science** (2019–2022) – Aditya Degree College, Adikavi Nannaya University, Andhra Pradesh (CGPA: 7.86)
- **Higher Secondary** (Kerala State Board) – St. Mary's HSS, Champakulam, Kerala (83%)
- **Secondary** (CBSE) – Bishop Kurialacherry Public School, Champakulam, Kerala (94%)

PROFESSIONAL EXPERIENCE

- **Business Analyst – Digital Forensics, Innefu Labs, Chennai | May 2026 – Present**
 - Assisted in digital forensic workflow analysis and requirement documentation.
 - Coordinated with technical teams for validation and enhancement of cyber investigation solutions.
- **Assistant Professor – Centre of Excellence in Digital Forensic (CoEDF), Chennai | Nov 2025 – April 2026**
 - Delivered classes for undergraduate programs in Forensic Science and Digital Forensics & Cybersecurity, combining theory with practical workflows and demonstrations.
 - Managed academic coordination responsibilities as ERP Coordinator and Exam Coordinator,
- **Cyber Expert (Digital & Mobile Forensic), Cyber Crime Wing (CCW), Chennai | September 2025 – Present | Empaneled – Need-based**
 - Empaneled as a Cyber Expert to assist the Cyber Crime Wing in digital and mobile forensic examination, including extraction and analysis of electronic evidence on a case-to-case basis.
- **Trainee – Cyber Division | Sherlock Institute of Forensic Science (SIFS), Delhi | May – November 2025**
 - Performed smartphone and computer forensic extractions & analysis.
 - Conducted malware static analysis and identified malicious artifacts.
 - Handled multimedia analysis including image, audio, and video authentication & enhancement.
 - Worked on facial recognition using biometric and facial feature analysis.
 - Delivered training sessions (online & offline) for interns and students.
- **Ambassador – CASE 23: Forensically Yours | July 25 – Present**
 - Promoted forensic science awareness through professional and academic outreach

Forensic Internships & Training:

State FSL Trivandrum | District FSL Alappuzha | Cyber Police Station Alappuzha | Fingerprint Bureau | Photographic Bureau | District Police Office Alappuzha

PROJECTS & RESEARCH

Projects:

- Gender in Every Ridge; AI-Powered Prediction using Fingerprint: Fingerprint Gender Classification using Machine Learning and Deep Learning (M.Sc. Dissertation)
- File Integrity Verifier (FIV): Developed a Python-based digital forensics tool for multi-hash forensic verification tool with PDF/TXT reporting and tamper detection.

- OSINT Profiler: Developed an open-source intelligence tool designed for collecting, analysing, and organizing publicly available digital information from multiple online sources.

Article Publication:

- Mobile Forensics: The Hurdles of Physical Extraction from Today's Smartphones (FORENSICS Magazine, June-July 2025 Edition from Aditya College of Forensics & Cyber Security).
- Scientific Examination of Image Manipulation: A Forensic Evaluation with Amped Authenticate (FORENSICS Magazine, Aug-Sept 2025).
- OSINT in Forensics: Turning Public Data into Court-Ready Intelligence (FORENSICS Magazine, Dec 25- Jan 2026).

Chapter Publication:

- Deepfake image detection in digital forensics: An explainable AI approach in Forensic Reflections- Volume II through Krino Forensics (ISBN 978-81-69026-50-5).

CERTIFICATIONS

- Ethical Hacking – NPTEL (IIT Kharagpur, Swayam)
- Diploma in Digital Forensic Investigation – Alison
- Google Cybersecurity (Coursera)
- Forensic Accounting and Fraud Examination – West Virginia University (Coursera)
- CISCO Cybersecurity Certifications – (Essentials, Learn-A-Throne, Intro to Cybersecurity)
- Certified Cybersecurity Educator Professional (CCEP) - Red Team Leaders
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate – Oracle University
- Certified Phishing Prevention Specialist (CPPS) – Hack & Fix
- Tata - Cybersecurity Analyst Job Simulation – Forage
- Introduction to Generative AI – Google Cloud
- Cybersecurity – Skill India Digital Hub
- OSForensics Triage Certification (OSFTC) – OSForensics by PassMark Software
- Certified in Cybersecurity (CC) – ISC2 Learn
- Introduction to Dark Web, Anonymity & Cryptocurrency – EC-Council
- Hands-on Training for Digital Forensic Tools – Vethnix Cybersecurity & Forensic Academy
- Autopsy Basics & Hands-On Training – 8-hour program
- Ethical Hacking Starter Program – Offenso Hackers Academy
- Photography Basics & Beyond – Michigan State University (Coursera)

TECHNICAL SKILLS

- **Digital Forensics:** Autopsy, FTK Imager, Cellebrite UFED, Cellebrite Physical Analyzer, Volatility, MAGNET AXIOM, Oxygen Forensic Detective, MOBILedit, Amped Five, Amped Authenticate, Audacity, Praat, XRY, FRED Workstation, Wireshark, Nmap, Kali Linux, Recuva, Argus.
- **Instrumentation:** UV-Vis Spectroscopy, FTIR, VSC, ESDA, RUVIS, Signature & Handwriting Examination, Security Feature & Document Examination.
- **Others:** Machine Learning & Deep Learning, Blockchain (basics), Facial Recognition, Multimedia Authentication & Enhancement, Photography.

ACHIEVEMENTS & ACTIVITIES

- Achieved CEFR C1 (Advance) level in the British Council EnglishScore Core Skills test.
- Organizing Committee Member - 16th IASR International Conference 2025.
- Organized Forensic Science Exhibitions (CUSAT & Centre for Science in Society), recognized in local media.
- Organized Forensic Science Exhibition as part of Science Day in Centre for Integrated Studies, CUSAT in 2024.
- Organized Forensic Science Exhibition in the Department of Chemistry, CUSAT in 2025.
- Completed Inter-Department Elective on AI and Blockchain Technology at the Centre for Budget Studies, CUSAT.
- Participated in an International conference organized by MES College, Mannarkaud, Palakkad.
- Participated in a Workshop on NDPS organized by Kerala Police Academy, Thrissur.
- Participated in an International Forensic Conference organized by Aditya Degree College, Surampalam.