

NIRANJAN V RAM

ENGINEER

CONTACT

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SKILLS

- Languages:
 - C, C++, Python
 - HTML, CSS, JS
- Database:
 - MySQL, MongoDB
- Tools:
 - Git/Github
 - Ambiorix

CERTIFICATIONS

- Joy of Computing using Python - NPTEL

LANGUAGES

- English
- Malayalam
- Hindi



PROFILE

Proactive, versatile professional with a strong commitment to learning and contributing to innovative projects while aligning with business objectives. Experienced in leading and collaborating within teams to deliver reliable and functional digital products. Passionate about technology, web design/development, and software engineering. Skilled in working with OpenWRT and prplOS, focusing on networking, embedded systems, and protocol-level development. Dedicated to continuous improvement and innovation to create functionally sound digital solutions that benefit society.



PROFESSIONAL EXPERIENCE

- TATA ELXSI**2024 - PRESENT
- Device Engineer
- Worked with LCM components for deploying, configuring, and managing software modules.
 - Developed plugin-based systems with Ambiorix, UBUS signaling, and client utilities for protocol/event handling.
 - Built and integrated custom prplOS/OpenWRT packages with UBUS/UCI APIs and persistence support.



PROJECTS

- Emulated CAPWAP System** – Network protocol emulation for access point and controller communication.
- ForgeryGuard** – Image authenticity checker detecting altered/forged regions.
- YouTube Transcript Summarizer** – Tool to generate concise summaries from video transcripts.



EDUCATION

- B.Tech in Computer Science and Engineering**
NSS College of Engineering, Palakkad | CGPA: 7.4
- 12th Grade**
Bharatiya vidya Bhavan, Chevayur | Percentage: 88%
- 10th Grade**
Bharatiya vidya Bhavan, Chevayur | Percentage: 85%