

# MANJUNATH C SHEKAR

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## OBJECTIVE

To apply my technical expertise in software development, embedded systems, and cloud technologies to build efficient, scalable solutions while contributing to organizational growth and continuously enhancing my skillset.

## EXPERIENCE

### Nokia

Aug 2025 - Present

Student Intern

Bengaluru, India

- Developing and testing Docker containers and software modules, writing Python scripts for automation and debugging, building and validating CI/CD pipeline workflows, and working with cloud environments for deploying and monitoring applications.

### Robomanthan Pvt. Ltd

July 2025 - August 2025

Intern

Bengaluru, India

- At my internship, I work on multiple facets of robotics development and communication. My core responsibilities include: Robotics Engineering, PCB Design and Fabrication and Content Creation

### Innovaskill Technologies Private Limited

August 2024 - September 2024

Internship Trainee

Bengaluru, India

- At Had hands on experience on OMRON PLC. Learnt and developed a project using Ladder Logic Programming. Designed and implemented a PLC-based control system.

## EDUCATION

B.E. Electronics and Communication Engineering | BNMIT, Bengaluru | CGPA: 8.88 | 2022 - Present

PUC (State Board) | National College Jayanagar, Bengaluru | Completed: 2022

Class X (ICSE) | Appollo National Public School | Completed: 2020

## SKILLS

- Software Engineering: SDLC, OOP, Git/GitHub/GitLab, CI/CD Pipelines, Agile Practices
- Networking & Telecom: Networking Fundamentals, TCP/IP, Routing Basics, Telecom Concepts
- Programming Languages: C, C++, Python, JavaScript
- Cloud & DevOps: Cloud Computing (AWS/Azure), Docker, Kubernetes, DevOps Concepts
- Web Development: HTML, CSS, JavaScript, Responsive UI
- Operating Systems: Linux (Shell Commands, Scripting), Windows
- Embedded & Electronics: Embedded Systems, Hardware Design, Digital & Analog Electronics, Microcontrollers
- Other Skills: Data Structures & Algorithms (DSA), Debugging, Problem Solving, Documentation

## PROJECTS

### PLC-Based Automatic Washing Machine Control System

- Designed and implemented control logic using Ladder Diagram for accurate timing, sequencing, and smooth operational transitions.
- Gained hands-on experience with PLC programming and automation of real-time electro-mechanical systems.

### IoT-Based Aquarium Monitoring and Feeding System

- Built a smart aquarium solution using ESP32, servo-based auto-feeder, turbidity and temperature sensors, and Blynk mobile app integration.
- Enabled real-time monitoring and automated feeding cycles, improving water quality and overall aquatic health management.

## ACTIVITIES AND INTERESTS

Reading books, travel, Cricket and chess