

# DHARUN ASHOKKUMAR

Software Developer | Open Source Contributor | Cybersecurity Enthusiast  
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## EDUCATION

### BTech Computer Science Engineering 2024 – 2029

Lovely Professional University, Punjab, India

### Intermediate (Class XII) — PCM — 90% 2023 – 2024

Sri Abhida Junior College, Hyderabad

## EXPERIENCE

### Development Intern Oct 2024 – Jan 2025

Pantech Prolabs India Pvt Ltd · Remote

- Contributed to production codebase; participated in code reviews and sprint-based agile workflows
- Worked on quality assurance processes and professional team collaboration practices

### Freelance Web Developer 2021 – 2024

Various Clients · Remote

- Built and deployed websites and web apps using React, WordPress, and custom stacks for local businesses
- Managed full lifecycle: development, deployment, hosting configuration, domains, and client communication

## KEY PROJECTS

### Student Lab Platform (LPU Labs) 2025 – Present

- Full-stack lab environment for university students with embedded OSS tools (TensorFlow Playground); React + FastAPI + PostgreSQL + Docker

### OpenClaw — AI Agent Platform 2025 – Present

- Multi-channel AI agent platform (WhatsApp, Telegram) with configurable backends including Cloudflare Workers AI

### IoT Milk Vending Machine 2024

- Automated dispensing system with ESP32, RFID authentication, and QR code payment integration

### Self-Hosted Infrastructure 2023 – Present

- Home server with Proxmox, Docker containers, Jellyfin, Nginx reverse proxy, Cloudflare tunnels, and Raspberry Pi

### Cybersecurity Research 2023 – Present

- Penetration testing on personal devices, Linux hardening, home security lab with Kali Linux

## OPEN SOURCE

- Uptime Kuma — Merged PRs contributing to the popular open-source monitoring tool
- Appwrite, Pharos AI, World Monitor — Contributions to backend, AI, and observability projects
- Currently exploring all 765 Linux Foundation projects with published documentation

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C/C++, Rust, Bash

**Frontend:** React, HTML5, CSS3, Tailwind CSS

**Backend:** Node.js, Express, FastAPI, PostgreSQL

**Infrastructure:** Linux, Docker, Nginx, Proxmox, Cloudflare, Azure, GCP

**Hardware / IoT:** Arduino, ESP32, Raspberry Pi

**Security:** Kali Linux, Penetration Testing, Network Security

**Tools:** Git, GitHub Actions, VS Code, Figma, Notion, Ollama, n8n

## CERTIFICATIONS

- Infosys Springboard Cybersecurity MOOC (Completed)
- Meta Front-End Development Certificate (Coursera — In Progress)
- Google Cybersecurity Certificate (Coursera — In Progress)