

Software Developer

I am a motivated and detail-oriented final-year **Computer Engineering** student with hands-on experience in **software development, hardware assembly, system maintenance, and IT support**. Throughout my academic journey, I've applied theoretical knowledge to real-world problems through a blend of internships, academic projects, and self-initiated learning.

I have developed strong technical skills in **Python, Java, C++, MATLAB**, and **SolidWorks**, with proficiency in both software and hardware tools. Key projects include:

- **Keylogger Tool**: Developed a keylogger in **Python/Java/C++** to explore **system-level programming** and security, gaining insights into data protection and cybersecurity.
- **Airline Management System (DBMS)**: Designed and implemented a fully functional **Airline Management System** using **SQL** and **MySQL**, focusing on efficient **data retrieval** and **database management** for flight and customer data.
- **Website Clone**: Created a **responsive website clone** using **HTML, CSS**, and **JavaScript**, demonstrating my web development skills and ability to replicate real-world UI/UX designs.

In addition to technical expertise, I bring strong problem-solving abilities, clear communication, and a collaborative mindset, honed through team-based academic projects and customer-facing work in IT support. I am actively seeking internship or full-time opportunities where I can apply my skills to solve complex engineering challenges and grow as a professional.

WORK EXPERIENCE

D Systems

07/2024 – Present

D Systems is a customer-focused service center specializing in computer and laptop repairs, upgrades, and installations. We provide quick and reliable solutions for software issues, hardware repairs, and system maintenance.

Hardware Support Technician, with a focus on System Maintenance and Troubleshooting. • Part-time

Bengaluru

As a **Hardware Support Technician** at **D Systems**, I was responsible for providing technical support by diagnosing, assembling, and repairing computers and laptops. My role focused on ensuring optimal hardware performance through routine maintenance, troubleshooting, and system upgrades.

Key Responsibilities:

- Assembled custom-built **computers and laptops** based on customer specifications and requirements.
- Installed and configured **operating systems** (Windows, Linux) and updated **drivers** for new systems.
- Performed **hardware repairs**, including replacing components like **RAM, hard drives, SSDs**, and **motherboards**.
- Diagnosed and resolved **hardware failures** and provided efficient solutions to restore system functionality.
- Conducted system maintenance, such as **upgrading memory, replacing faulty parts**, and **cleaning internal components** to prevent overheating and extend system lifespan.
- Collaborated with customers to troubleshoot issues and explain hardware solutions in clear, non-technical terms.
- Maintained organized service logs and ensured timely completion of service requests.

Skills & Tools:

- Expertise in **hardware assembly, PC building**, and **component replacements**.
- Familiarity with **Windows/Linux OS installation** and **driver updates**.
- Strong problem-solving and troubleshooting abilities in **hardware diagnostics**.
- Excellent communication skills to assist customers and provide technical support.

EDUCATION

Bachelor's of Engineering in Information Science

Sapthagiri College of Engineering • GPA: 8.4/10

Bengaluru • 12/2022 – Present

CERTIFICATIONS

AWS Academy Cloud Foundations

AWS academy

05/2025 – 05/2025

PROJECTS

Remote Ethical Keylogger

Academic Project

12/2024 – 12/2024

Developed a remote Keylogger tool using Python to capture keystrokes and log user activity securely for educational and ethical testing purposes. Gained experience in system level programming, socket communication and basic cybersecurity concepts

VOLUNTEERING & LEADERSHIP

Sapthagiri College Cultural committee

Event Coordinator

03/2023 – 03/2023

Bengaluru, Karnataka

Planned and organized cultural events including a face painting competition and extempore speech contest. Managed participant registrations, coordinated with judges, and ensured smooth execution during the college fest.

SKILLS

Attention to Detail, Basic Networking, BIOS Configuration, C++, Command Line Interface (CLI), Computer Diagnostics & Maintenance, CSS, Customer Support, Git & GitHub, Hardware Assembly (PCs, HTML, Java, JavaScript, Laptops), Linux), MATLAB, MySQL / DBMS, Operating System Installation (Windows, Problem Solving, Python, RAM/SSD/HDD Replacement, SolidWorks, SQL, System Troubleshooting, Team Collaboration, Technical Communication, Time Management, VirtualBox, Visual Studio Code