

# Irfan Ahmad

Bangalore, India

+91-9845424560 • irfanblr026@gmail.com • [linkedin.com/in/irfanahmadblr](https://www.linkedin.com/in/irfanahmadblr) • [damha.space](https://damha.space)

## Professional Summary

A proactive and entrepreneurial 4th-year Computer Science student with a specialization in Cyber Security. Proven experience as a Co-Founder & CTO and System Administrator, leading the development and deployment of full-stack web solutions, IT infrastructure, and custom software. Expertise in secure system design, Linux server management, containerization with Docker, and DevOps automation. Seeking an internship or entry-level role to apply a robust technical skill set to solve complex challenges.

## Education

**Bachelor of Technology (B.Tech), Computer Science (IT - Cyber Security)** • Expected July 2026 *Garden City University, Bangalore, India*

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Cryptography and Network Security, Ethical Hacking, Advanced Networking, Advanced Python, Mobile App Development, Data Analytics, Security Information and Event Management.

## Professional Experience

**Co-Founder & CTO • CtrlWeb • Jun 2024 – Present**

- Spearheaded the founding and scaling of an end-to-end IT consultancy, delivering a portfolio of web, software, and infrastructure solutions to a diverse client base of SMEs.
- Consulted directly with clients to translate business requirements into technical specifications, leading the full-cycle development of e-commerce platforms (Wix, WooCommerce) and custom websites like [pioneerceilings.com](https://pioneerceilings.com) and [royalwoodfurniture.com](https://royalwoodfurniture.com).
- Engineered a bespoke, multi-outlet Point-of-Sale (POS) system from the ground up using PHP/JS and Git, delivering features like modular receipt generation (KOT) that improved client operational efficiency.
- Implemented and administered self-hosted n8n automation servers on Linux, architecting custom workflows that streamlined critical business processes for multiple clients.

## **E&P International Ventures • Nov 2024 – Sep 2025**

### ***DevOps & IT Lead (Apr 2025 – Sep 2025)***

- Spearheaded the company's DevOps strategy, engineering and managing CI/CD pipelines that automated the build, testing, and deployment of all web applications.
- Led the end-to-end development and deployment of all new IT initiatives, including custom modifications to the point-of-sale software and internal tools.
- Assumed ownership of the entire IT infrastructure, making strategic decisions on hosting, security, and scalability to support business growth.

### ***System & Network Administrator (Nov 2024 – Mar 2025)***

- Administered Linux servers and a portfolio of over 25 websites on Hostinger shared hosting, handling all aspects of deployment, maintenance, and security.
- Served as the primary point of contact for company-wide tech support and managed all IT-related operations, including social media account administration.
- Managed containerized applications and workflows using Docker, enhancing deployment efficiency for various projects.

## **System and Network Administrator Intern • Basik Marketing Pvt. Ltd. • Jul 2024 – Sep 2024**

- Assisted in the maintenance and monitoring of network infrastructure, ensuring uptime and performance.
- Provided Tier 1 technical support for hardware and software issues, resolving user tickets in a timely manner.
- Contributed to the configuration and hardening of Linux servers, applying security best practices.
- Helped document IT systems and create network diagrams to improve the internal knowledge base.

## **Technical Skills**

- **Security & Pentesting:** Kali Linux, PortSwigger Web Security (SQLi, XSS, CSRF), Wazuh IDS, DDoS Mitigation, Role-Based Access Control (RBAC).
- **Networking & Infrastructure:** Cisco CCNA Certified, Linux System Administration, TCP/IP, VLAN, DHCP, DNS, VPN Setup & Troubleshooting, Server Setup & Hardening.
- **DevOps & Automation:** Docker, CI/CD Pipelines, n8n Workflow Automation, Bash Scripting, Sendmail Configuration.
- **Programming & Frameworks:** Python, JavaScript, PHP, C++, CodeIgniter, Laravel, React.
- **Web & CMS:** WordPress (ACF, WooCommerce), Wix Studio, Custom Plugin Development.
- **Mobile Development:** Android Studio Fundamentals, Java/Kotlin.
- **Data Science:** scikit-learn, NLTK, Sentiment Analysis Pipelines.

## Key Projects

- **OpenSourcePOS Customization and Contribution:** Spearheaded an end-to-end customization of OpenSourcePOS 3.4.1 for retail and hospitality clients. Engineered modular receipt and KOT templates with dynamic branding, and enforced strict Role-Based Access Control (RBAC) to restrict data access by outlet. Contributed enhancements back to the upstream project through detailed pull requests.
- **Full-Stack E-commerce & Website Development:** Led the design, development, and deployment of multiple client websites from the ground up. Key projects include **pioneerceilings.com** (WordPress/WooCommerce), **royalwoodfurniture.com** and **eandp.in** (Wix/Hostinger). Managed all aspects of the project lifecycle, including hosting configuration, theme customization, and SEO optimization that resulted in a 25% organic traffic increase for eandp.in.
- **Cyber Kill Chain Case Study:** Conducted an in-depth analysis of a multi-session DDoS attack, mapping the incident to the Cyber Kill Chain framework. Produced a technical report and a beginner-friendly presentation on the findings and mitigation strategies.

## Certifications & Achievements

- **POS System Implementation:** Deployed custom POS software in several stores and restaurants across India, increasing operational efficiency through automated transactions, real-time inventory tracking, and detailed sales analytics.
- **Strategic Management** (Copenhagen Business School)
- **Cisco Certified Network Associate:** Introduction to Networks (CCNA)
- **Cyber Threat Hunting** (Infosec)
- **Threat Investigation** (Cisco)
- **Introduction to Data Warehouse Testing** (Infosys)
- **Usable Security** (University of Maryland)
- **PortSwigger Web Security Academy** – Core Labs Completed
- **Protecting Business Innovations via Copyright** (HKUST)
- Organized and facilitated university-level CTF (Capture The Flag) competitions and cyber-defense hackathons and eSports Tournaments.
- **Additional Coursework:** Completed university-level courses in diverse fields including **Sustainable Food Systems** (University of Illinois), **Fashion Design** (MoMA), and **Health & Fitness** (University of Edinburgh).

*For a comprehensive portfolio, project demonstrations, and certificate verification, please visit [damha.space](https://damha.space).*