ABDUL KUDDOOS YAHYA

COMPUTER SCIENCE ENGINEER

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SUMMARY

Driven and detail-oriented B.Tech Computer Science and Engineering student specializing in Cyber Security, with hands-on experience in secure web development, IoT-based automation, and AI-assisted systems. Skilled in identifying real-world problems and building practical, technology-driven solutions across cybersecurity analysis, web applications, and intelligent IoT systems. Strong communicator and fast learner with a passion for ethical hacking, digital safety, and innovation. Seeking opportunities to apply technical skills, creativity, and analytical thinking in cybersecurity and full-stack development roles

TECHNICAL SKILLS

Cybersecurity	Prototyping Tools	Databases	IOT
Ethical Hacking	Programming & Development	DevOps & Tools	AI Automation
Software Engineering	Web Development	Git & GitHub Skills	Prompt Engineering

PROJECTS

Cyber Hygiene Analysis for Small Business Website (Cyber Security) **Sep 2025**

- Conducted a comprehensive cyber hygiene assessment for small-scale business websites.
- Identified weak cyber hygiene practices such as lack of HTTPS, poor password policies, and vulnerability exposure in small business websites.
- Conducted a full cyber hygiene assessment and implemented recommendations including SSL enforcement, secure authentication, and basic security protocols.
- Identified potential vulnerabilities and provided secure configuration guidelines to enhance digital protection.

Farmer–Consumer Direct Platform (Web Development) **Feb 2025**

- Identified that farmers faced profit loss due to middlemen and lack of direct buyers.
- Built a platform for farmers to list produce, set prices, and directly connect with customers, increasing transparency and profit margins.

Personalized Portfolio Builder (Web Development) **Nov 2024**

- Identified the need for an easy tool for students and freelancers to create portfolios without coding skills.
- Built a customizable portfolio generator using Django and Tailwind CSS, enabling users to auto-generate responsive personal websites.

E-Commerce Website (Web Development) **Aug 2024**

- Found that small sellers struggled with managing online sales, products, and customer interactions.
- Created a full-stack e-commerce platform with product management, cart system, user authentication, and secure checkout.

Business Landing Page (Web Development) **Mar 2025**

- Noticed that local businesses lacked a modern, high-converting landing page for online presence.
- Developed an SEO-optimized, responsive landing page with clear CTAs and improved UI/UX to enhance customer engagement.

Vehicle Emergency Alert System (IoT) **Sep 2023**

- Identified delays in accident reporting, especially in remote areas, leading to slow emergency response.
- Developed an IoT-based system using impact sensors and GPS modules that detects sudden collisions, captures the vehicle’s live location, and automatically sends emergency alerts to pre-registered contacts and authorities to ensure faster response

Food Analysis System (IoT + AI) **Oct 2025**

- Identified that manual food freshness detection was unreliable, inconsistent, and increased the risk of consuming spoiled food.
- Developed an IoT-based system integrated with AI-powered image and data analysis to assess food quality.
- Used sensors to capture temperature, humidity, and gas levels, and combined them with AI image recognition to accurately classify food freshness and provide real-time spoilage alerts.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (Specialization: Cyber Security) **Aug 2023 - Jun 2027**

Vel Tech University, Chennai

- Relevant coursework: Cyber Security Essentials, Network Security, Web Development, Database Management, IoT Systems.
- Academic interests include secure application development, vulnerability analysis, and emerging digital technologies.

CERTIFICATIONS

- **Introduction to Cyber Security – Cisco Networking Academy**
- **Python Essentials – Cisco Networking Academy**
- **Networking – Infosys Springboard**
- **Operating System – Infosys Springboard**
- **Software Engineering – Infosys Springboard**

ADDITIONAL INFORMATION

- **Languages:** English – Professional Proficiency , Tamil – Native , Hindi – Conversational
- **Academic Highlights**: Completed multiple hands-on technical projects in cyber security, web development, and IoT.
- **Workshops & Events**: Penetration Testing Workshop , Dark Web & Cybercrime Analysis Workshop , Power BI Data Visualization Workshop