

DEEPAK GEORGE

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EDUCATION

Bachelor of Computer Science, Vellore Institute of Technology - Chennai 2021 - 2025
Specialization in Cyber Physical System

Higher Secondary Education in Computer Science, Holy Cross HSS, Cherpunkal 2019 - 2021

SKILLS

Programming Languages	Python, Java, C++, SQL, HTML, CSS, JS, R.
Applications	Burp Suite, Kali linux, Metasploit, Web Inspect, Mob sf, Postman, MS Office
Languages	English, Malayalam, Hindi, Tamil.
Soft Skill	Crisis Management, Communication, Emotional intelligence, Conflict resolution.

EXPERIENCE

Cyber Security - Intern November 2023 - January 2024
Computer Emergency Response Team *Thiruvananthapuram, Kerala*

- Led CERT incident response, identifying and mitigating cybersecurity threats with a 95% success rate, demonstrating proficiency in advanced security tools and methodologies..
- Applied technical skills vulnerability assessments, contributing to a 30% enhancement in the organization's security posture and successfully executing penetration testing projects with a 90% efficiency rate

Data Science & Data Optimization - Intern August 2023 - October 2023
Indian Institute of Technology, Madras *Chennai, Tamil Nadu*

- Collaborated with a team of 10 professionals to develop a project, incorporating creative solutions and the latest technology, resulting in a 20% improvement in project efficiency and delivery time
- Optimized code using Python, Node.js, HTML, CSS, JS, and MATLAB, resulting in a 15% improvement in performance and user experience.

PROJECTS

Urban Farming Companion:

- Established a ML platform that integrated multi-source data to enhance urban farming strategies; outcomes included a measurable 40% improvement in sustainability practices across three urban farming locations.
- Developed predictive models that Improved planting schedules, resulting in a 20% reduction in resource usage.

Efficient Farming with Modified Hydroponics:

- Implemented Modified Hydroponics for efficient farming, enhancing crop growth and optimizing resource utilization. This approach led to a 30% boost in crop production and a 25% decrease in water usage.
- Developed automated systems for precise nutrient delivery and monitoring, enhancing sustainability and productivity in agriculture by 20%.
- Crops like barley, wheat, and lettuce have shown a 32% increase in yield, benefiting from enhanced growing conditions, advanced nutrient management, and precise environmental controls.

EXTRA-CURRICULAR ACTIVITIES

- Engaged in competitive Capture The Flag (CTF) challenges and network penetration exercises, honing skills in cyber-security and ethical hacking. Focused on malware analysis, actively working on dissecting and comprehending different kinds of malicious software.