

# NISAL SANDEEP

 Dalugama,Kelaniya ☎ (+94) 764726253 ✉ [nisalsandeep45@gmail.com](mailto:nisalsandeep45@gmail.com)  
 <https://www.linkedin.com/in/nisal-sandeep/>  <https://github.com/NisalSandeep>  
 <https://nisalsandeep.site/>

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An undergraduate pursuing degree in Accounting Information Systems at the University of Kelaniya and Information Technology at the University of Colombo. Focused on bridging the gap between business needs and IT solutions through strong analytical thinking and effective communication. Working as a freelancer specializing in Full-Stack Development, Cybersecurity, and Web Technologies.

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## WORK EXPERIENCE

### Freelance Full Stack Developer

2023 - Present

Worked on e-commerce and LMS projects using WordPress CMS. Currently pursuing MERN Stack Development to enhance full-stack web development skills.

Live Websites: [Medmotoools](https://medmotools.com), [speakcraftenglishacademy](https://speakcraftenglishacademy.com)

## EDUCATION

### BBM (Hons) Accounting Information Systems

*University of Kelaniya*

2024 – 2028

### BIT (External)

*University of Colombo,*

2024 – 2027

### Diploma in Cyber Security

*NextGen Campus*

2025

### GCE Advanced Level / Ordinary Level

*B/Keppetipola National College*

2014 – 2022

## PROFESSIONAL QUALIFICATIONS

### Institute of Analytics (IOA)

[Student Member](#)

### CompTIA Security+

Reading

## KEY TOOLS

### Programming & Development:

Java, Python, JavaScript, PHP, SQL, Bash, MongoDB

### Data Analytics:

Power BI, Tableau, Matplotlib, Financial, Excel

### Web Design & Development:

MERN Stack, Laravel

### Cloud & DevOps:

AWS (EC2, S3, IAM, RDS)

### Methodologies:

Agile, Scrum

### Project & Collaboration Tools:

Jira, Microsoft Teams, Microsoft Office Suite

### Cybersecurity & Networking:

Wireshark, Snort, Metasploit, Vulnerability Assessment, Web Penetration Testing, Threat Hunting, Data Recovery, Custom Tool Development

### Platforms & Virtualization:

Linux, Windows, macOS, Virtualization (VirtualBox / VMware)

### Analytical & Problem-Solving Skills

### Requirement Gathering & Process Mapping

### Communication & Collaboration

## PROJECTS

### Online E-Commerce Shop

- Full-Stack Web Application (Node.js, Express, EJS, CSS, JavaScript)
- Developed a complete e-commerce platform with product management, user authentication, shopping cart, and checkout features. Implemented MVC architecture using Node.js and Express with EJS templates for dynamic pages. Focused on clean routes, modular code, and responsive UI design.

## VOLUNTEERING

### Member of FOSS Community

*University Of Kelaniya*

### Member of AISSA

*University Of Kelaniya*

### Member of LEO club

*University Of Kelaniya*

### Senior Member of Boxing club

*University Of Kelaniya - Novices Boxing Tournament 2025*

### Sports

## REFEREES

Mr. H.M.M.N.Herath

Lecturer

Department of Accountancy

University of Kelaniya



+94713713691



maher191@kln.ac.lk