

Atish Joottun

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SUMMARY

Computer Science student with a strong foundation in Cyber-Security and application development. Possesses a strong understanding of the fundamentals of programming, Operating System, Web Services, server management and has a strong background in Python. Gained practical experiences in tools such as SSH and GNU/Linux with personal projects and academic assignments and research work. Known for strong research skills, passionate for learning new topics and professional development.

EDUCATION

The University of Mauritius	2023 – 2026 (expected)
- BSc (Hons) Computer Science	
Cyber Defense (Blue Team) Training	2023
A-Level Cambridge	2020 – 2022

SKILLS

Frontend: React, TypeScript, Next.js, AngularJS, JavaScript, jQuery, HTML, CSS, TailwindCSS, Bootstrap, Figma

Backend: Node.js, PHP (Laravel), Java, Python, C#, Web Services, Web Scraping

Databases & Mobile: MongoDB, MySQL, PostgreSQL/Supabase, Dart/Flutter

DevOps: Linux, Bash, Docker, AWS, SSH, Server Administration

AI & Data: TensorFlow, Ollama, RAG Systems, Data Structures

Other Skills: Problem Solving, Agile, Research, Cybersecurity, Networking, Team Leadership

WORK EXPERIENCES

WhiteStorm LTD	November 2024 – March 2025
Internship	Hybrid
<ul style="list-style-type: none">Full Stack Developer skilled in building Next.js websites with TypeScript, Python Scrapy web scrapers, and MongoDB Atlas databases, all hosted on AWS. Integrated an open-source AI (Llama3.2/Gemma2) to generate concise data summaries, enhancing the website's condensed information display.	

Articles (News)

Defi-media: [IETF-123 International Hackathon](#), [Google's Recognition](#), [Post-Quantum Analysis](#)

PROJECTS

Polaris – Your AI Travel Companion	2024 - 2025
Team Lead & Developer / UoM AppCup 2025 – 1st Place Winner	
<ul style="list-style-type: none">Collaborated on an AI-driven navigation app combining route optimization, gamification, and accessibility. Designed key modules for AI-assisted navigation and multilingual features. Built with Kotlin, integrated Gemini AI and computer vision. GitHub.	
Board.cyberstorm.mu	2024 - 2025
<ul style="list-style-type: none">Maintained and manage a Linux server which host an internal website for cyberstorm.mu. Using appropriate and comprehensive approach, every action such as updates, or any changes in the system is logged and documented. Ensure that every task is completed by every member of the team.	
DermAI – Your Skin Care Companion	2024
<ul style="list-style-type: none">This project was made during the UoM Computer Club's AppCup 2024. Our goal was to make an app that can identify skin diseases. I was in charge of training the TensorFlow Image classifier. A Convolutional Neural Network was built and tweaked in Keras and TensorFlow. GitHub and LinkedIn.	

- Experience in writing a [research paper](#), in which an analysis was made whether the web servers in the African continent was correctly implemented to support the transition to Post-Quantum Encryption smoothly.
- The earlier published research can be found [here](#) and the [GitHub](#) has the latest updated version.